

*Annual Report
of the
Arizona State Hospital*



*Fiscal Year July 1, 1954
to June 30, 1955*

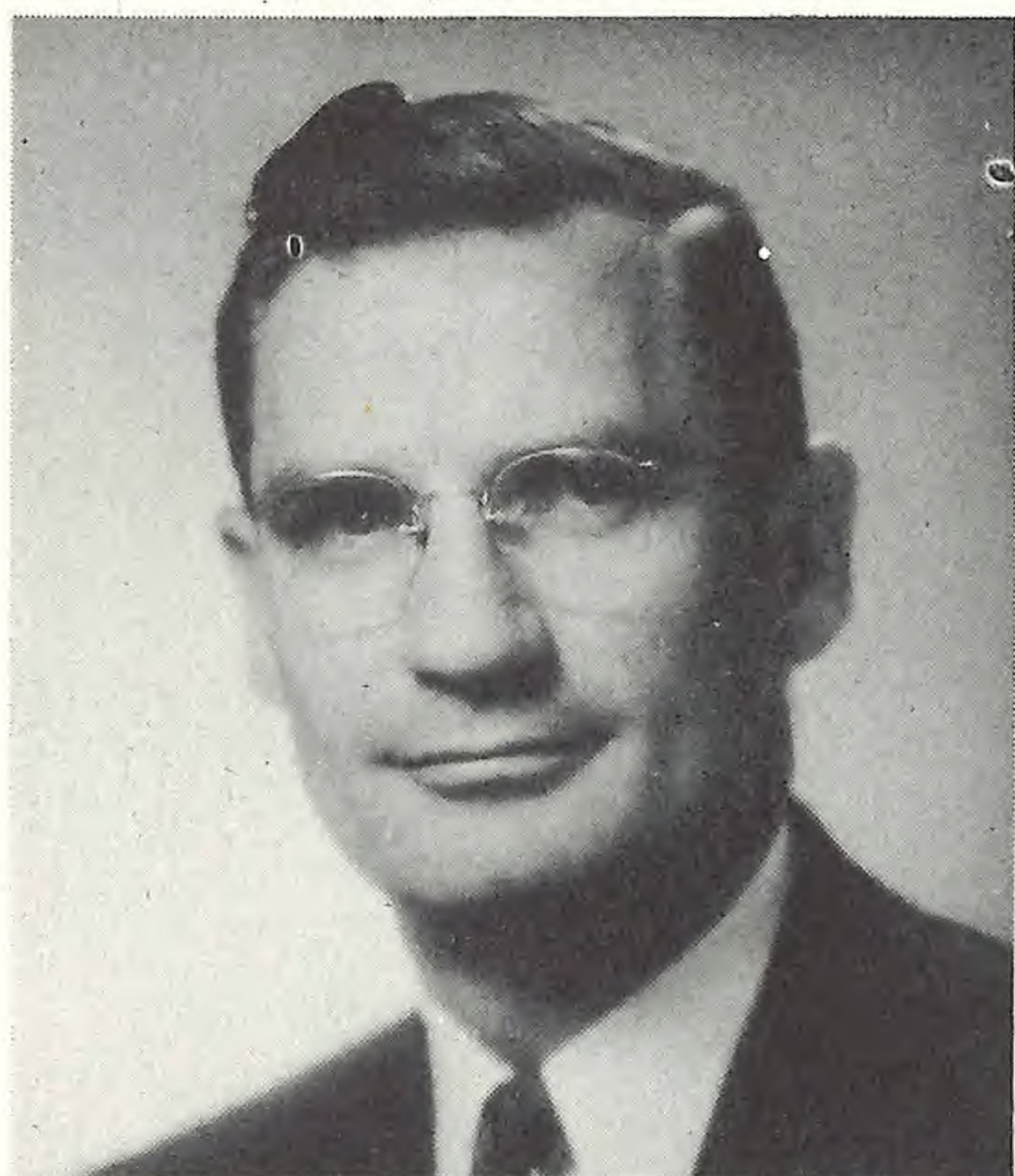




*Dilworth C. Brinton,
Vice Chairman
MESA, ARIZONA*

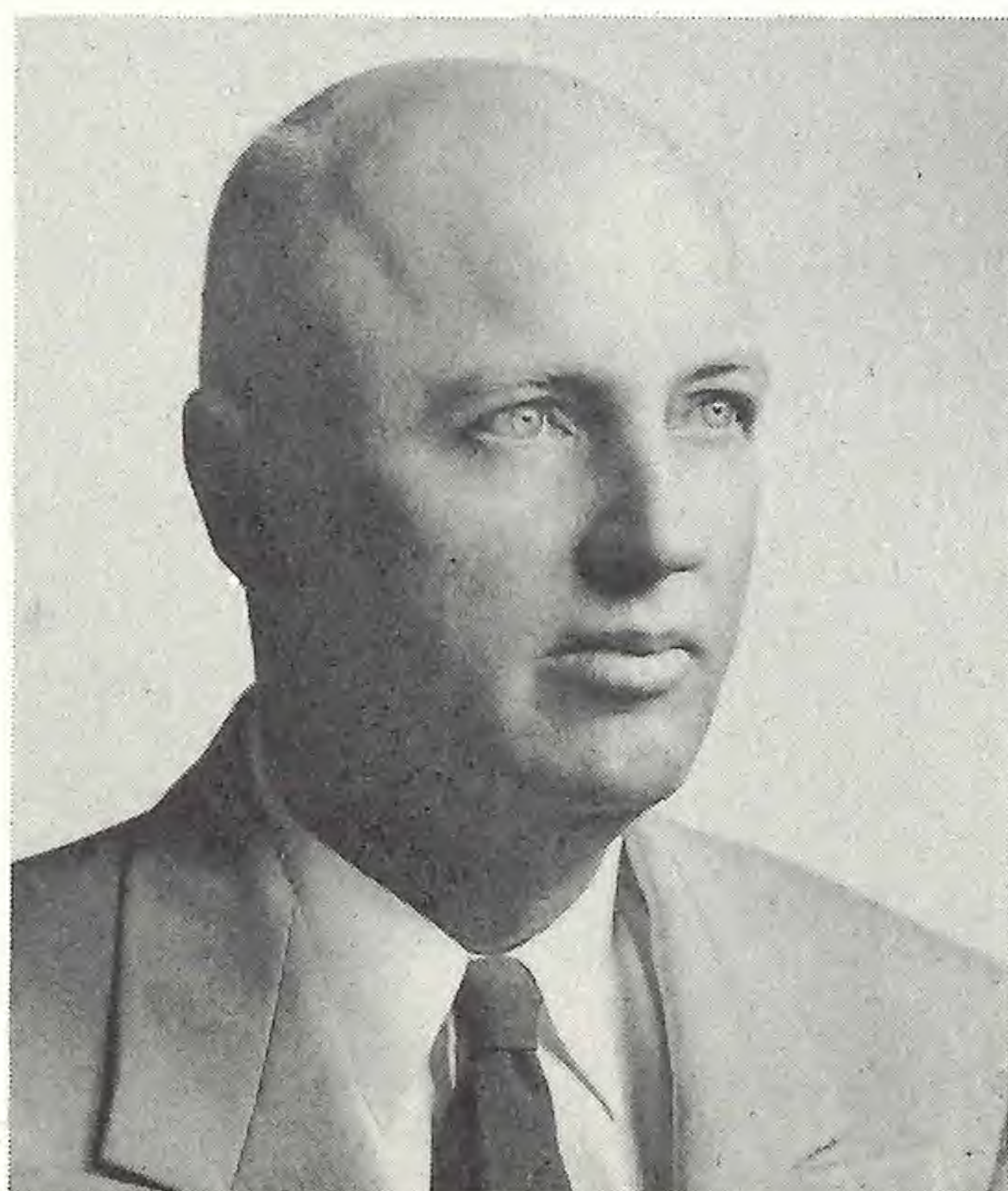


*Sherman Hazeltine, Chairman
PRESCOTT, ARIZONA*

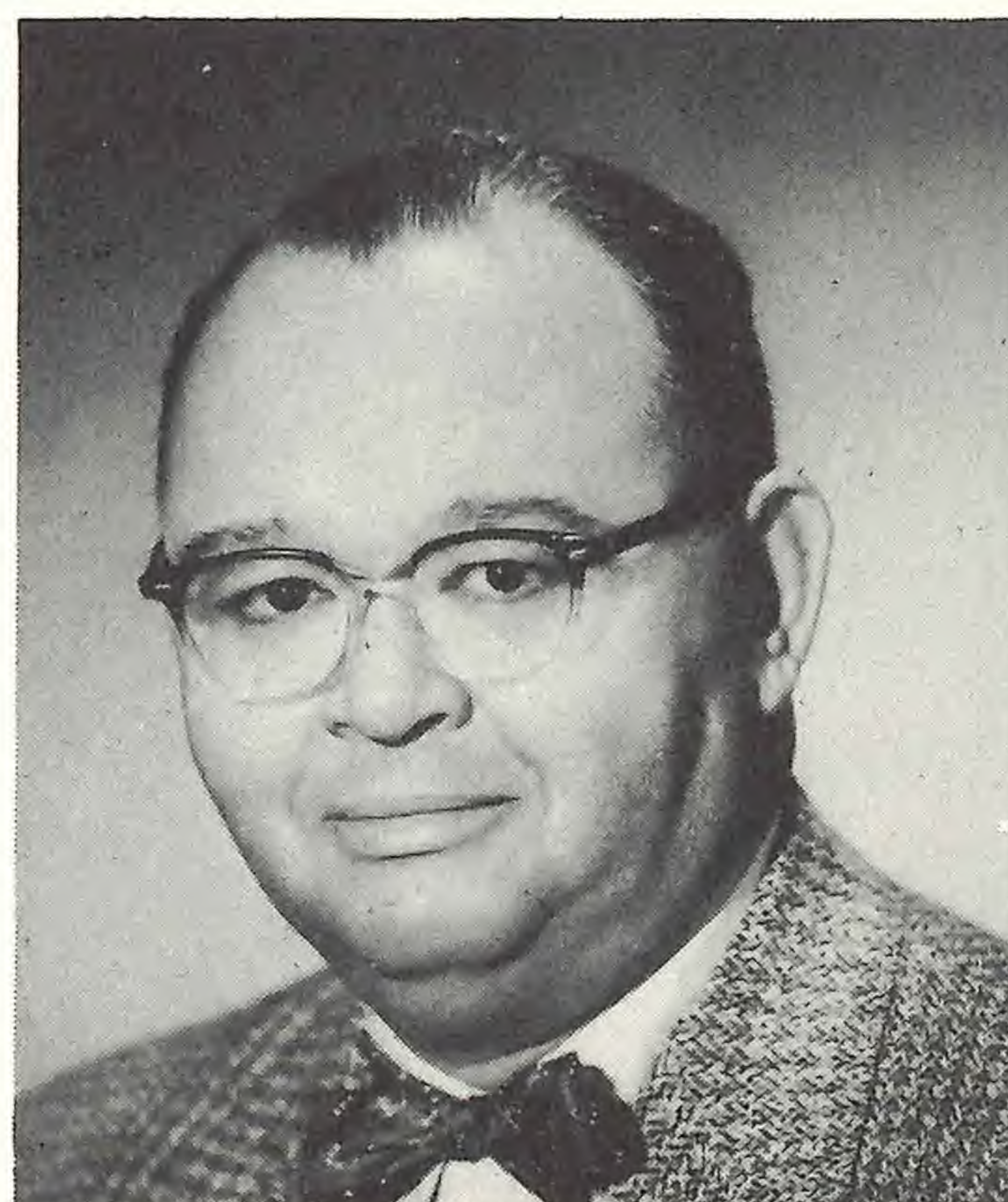


*Malin W. Lewis, Member
AJO, ARIZONA*

*arizona state
hospital board*



*John P. Sands, Member
GLENDALE, ARIZONA*



*Lowell C. Wormley, M.D. Member
PHOENIX, ARIZONA*

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ADDRESS ALL CORRESPONDENCE
CONCERNING PATIENTS TO THE SUPERINTENDENT



SAMUEL WICK, M. D.
DIRECTOR

Arizona State Hospital
Phoenix, Arizona

The Honorable Ernest W. McFarland
Governor of the State of Arizona
Phoenix, Arizona

Dear Governor McFarland:

Enclosed herewith is the Annual Report of the Arizona State Hospital for the fiscal year ending June 30, 1955. I believe that a careful reading of it will justify the assertion that the Hospital is on the threshold of becoming an institution of which every citizen of the state may be proud.

While tremendous progress has been made, there is still much to be done to bring the Hospital up to the requirements for accreditation by the American Psychiatric Association. It is important that the present momentum be maintained in achieving that objective.

Speaking both for my fellow board members and myself, I wish to express deepest appreciation to the entire staff of the Hospital for the accomplishments of the past year.

Sincerely,

Chairman

SH:ec

*administrative
officers*

Samuel Wick, M.D.
SUPERINTENDENT



D. M. Bramwell, M. D.
ASSISTANT SUPERINTENDENT



Mary E. Pittman, R. N.
DIRECTOR OF NURSING



R. A. Clelland
BUSINESS MANAGER

Medical, Nursing and Therapeutic Staff

MEDICAL

SAMUEL WICK, M.D.	Director
D. M. BRAMWELL, M.D.	Assistant Director
WILBUR C. BAYHAM, M.D.	Staff Psychiatrist
CARL BREITNER, M.D.	Staff Psychiatrist
*D. H. BRUNS, M.D.	Staff Psychiatrist
PETER J. DOYLE M.D.	Staff Psychiatrist
WALTER V. EDWARDS, M.D.	Staff Psychiatrist
PHILIP W. LAWLER, M.D.	Staff Psychiatrist
MARY J. WEBER, M.D.	Staff Psychiatrist
WILLIAM ZACK, M.D.	Staff Physician

DENTAL

ROBERT L. HENRY, D.D.S.

PSYCHOLOGY

WILLARD T. ROGERS	Psychologist
ARLENE BABOCK	Psychologist

PHARMACY

ELIAS SCHLOSSBERG	Pharmacist
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NURSING

MARY E. PITTMAN, R.N.	Director of Nursing
MIRIAM SHOLLEY, R.N.	Director of Nursing Education

SOCIAL SERVICE

PHILIP L. GORDON	Director
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OCCUPATIONAL THERAPY

MARJORIE EVERT, O.T.R.	Director
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RECREATIONAL THERAPY

WILLIAM J. HERSEY	Director
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MEDICAL RECORDS

MARION A. TURBEVILLE, R.R.L.	Director
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CONSULTING STAFF

JOHN R. GREEN, M.D.	Neurosurgery
HARRY F. STEELMAN, M.D.	Neurosurgery
MARCY L. SUSSMAN, M.D.	Radiology
HENRY A. SIEGAL, M.D.	Gynecology
BERTRAM L. SNYDER, M.D.	Tuberculosis
JAMES D. BARGER, M.D.	Pathology
L. L. TUVESON, M.D.	Orthopedic Surgery
HARRY J. FRENCH, M.D.	Ophthalmology
GEORGE K. ROGERS, M.D.	Dermatology
D. P. HAISLIP, M.D.	Cardiology
DANA LEE HARNAGEL, M.D.	Anesthesiology
MORRIS E. STERN, M.D.	Anesthesiology
R. J. M. ZELUFF, M.D.	Anesthesiology
MISS ALICE RICHARDS, R.N.	Anesthesiology
DR. SAMUEL MASON	Chiropody
DR. H. B. SEYFERT	Chiropody
DR. A. J. STERN	Chiropody
DR. IRWIN D. SHAPIRO	Chiropody

* Accidental death March 1955.

Hospital Superintendent's Report

MEMBERS OF THE HOSPITAL BOARD OF CONTROL, SHERMAN HAZELTINE, CHAIRMAN.

I am submitting the annual report for the fiscal year of 1954-55 with the realization that although many features of the hospital have advanced during the past year there are still many things which must be completed in order to provide the best possible treatment for our mentally ill population. The co-operation and continued effort of everyone on the Medical Staff, the nursing service, the educational department, the business departments, and all employees engaged in the various activities of the hospital has been gratifying and has been necessary to bring the hospital to its present status. The Gray Ladies have continued to provide excellent service throughout the hospital with their devotion to the patients and their interest in the general program of the hospital. Greater participation in community organizations and speeches by Staff members to various groups regarding the hospital problems and needs has helped in the slow process of educating the public concerning mental health and mental illness.

POPULATION

For the first time since 1935 the total population of the Arizona State Hospital was reduced. The number of patients in the hospital was reduced from a high of 1753 on July 1, 1954 to 1690 on June 30, 1955. Included in this reduction were 46 children who were transferred to the Arizona Children's Colony, but this still leaves a net decrease in the population. During the past ten years the average increase in patient population per year was 69 so that this number should be considered in order to obtain a clear picture of the reduction for the year. This reduction was accomplished with the cooperation of all departments by giving better care and treatment to the patients so that they could be discharged from the hospital in a shorter period of time. Even though the number of employees was considerably below the requirements, everyone put forth the necessary added effort to accomplish the best results.

MEDICAL STAFF

During the year Dr. D. M. Bramwell was appointed as Assistant Director. The medical staff consisted of seven physicians besides the Director and Assistant Director. The American Psychiatric Association standard would require a staff of 24 physicians to supply the individual study which is necessary to be most helpful to the patients. With an adequate staff, the number of patients who could be discharged in a short period of time could be increased. The staff is too small to provide adequate individual psychotherapy which is the basis of all psychiatric therapy. The members of the medical staff are to be commended for the amount of work that they have done and the results they have achieved.

The Psychology Department should have five psychologists according to the quota established by the American Psychiatric Association. At present there are two psychologists, but one devotes most of her time to other important duties. The psychologist is an important member of the psychiatric team because of the value of the personality tests which give a dynamic understanding of emotional problems and because of the assistance in the therapeutic program.

THERAPY: All methods of therapy have increased during the year as indicated by the number of patients treated in the various departments. The benefits derived from the reduction of overcrowding in the regressed wards has been demonstrated by the results obtained through habit training and increased activities for the patients.

Electro-convulsive therapy has been used for more patients and the results are beneficial for many.

The Occupational Therapy Department has increased the various activities and crafts to help interest and stimulate patients on their way to discharge. The department should be expanded so that its functions could be utilized on the wards to benefit those patients who are unable to go to the O. T. shops.

Industrial Therapy was organized as a separate unit under the direction of Miss Arlene Babcock who also assists in the Psychology Department. All patients in the hospital have been reviewed and studied for industrial assignment. A weekly report from the employee supervising the assigned patient is received by the industrial therapist. This report indicates whether the patient is ready for a more responsible assignment. In this way the progress to various industrial areas is a therapeutic aid in the rehabilitation of the patient. The constant encouragement has assisted in maintaining the interest of many patients and in creating the desire for work in other patients who had been withdrawn and unoccupied. The individual therapy program has been co-ordinated with the State Vocational Rehabilitation Department. After a patient has shown improvement, the patient is referred to the State Vocational Rehabilitation for further training and job placement outside of the hospital.

Recreational Therapy has included more patients in the program on the recreational field as well as the activities on the wards. At the present time there are four employees in the department which should be increased to eleven to provide the adequate schedules according to A.P.A. standards. The group games have helped in stimulating and socializing patients who would otherwise remain on the ward and maintain their withdrawal. The recreational department has received assistance from many volunteer groups with parties and entertainment on the ward and in the auditorium.

During the past year considerable publicity has been given in the medical reports and in the press concerning the value of reserpine and chlorpromazine in the treatment of mental patients. Both of these drugs are being used for many patients

with benefit to them. Many of the chronically disturbed patients have been helped so that the management problems on the wards have been reduced. The noisiness and disturbance on the wards has been lessened considerably. Many patients in an acute state of excitement have been helped and the length of hospitalization has been shortened. It is too soon to state definitely that these drugs will maintain the optimistic results, but they add to our present armamentarium in the treatment of mental disease.

The Medical Records are now supervised by Miss Marion Turbeville who is a Registered Record Librarian, and who was employed on September 20, 1954. Adequate records which are complete and well documented reflect the attention given to treatment programs and progress of the patients while in the hospital. The Consultant Staff has been increased and all problems related to any branch of medicine are given adequate medical study and treatment. A consultant pathologist was added to the Staff and now performs all post-mortem examinations, and supervises the laboratory procedures.

SOCIAL SERVICE

In May 1955 Mr. Philip Gordon was appointed Director of Social Service. Previous to this time Miss Adeline Rosenberg was Acting Director. The entire Social Service Department consists of four workers, including the Director. The number of patients who are away from the hospital on Conditional Discharge has increased during the year which means that there have been more contacts with relatives, social agencies, courts, and physicians in order to find suitable living quarters and to make arrangements for these patients to leave the hospital.

The emphasis of the treatment program of the Arizona State Hospital is to return the patient to his family and his community as a useful citizen. Immediately upon the patient's admission to the hospital Social Service contacts the patient's family in order to enlist the family's assistance in working toward a mutual goal of the patient's return to the home. The spirit of mutual helpfulness and understanding established between the patient, the family, and the hospital Staff is an important factor in the patient's recovery. After the patient has been discharged from the hospital, the Social Worker is the member of the hospital Staff to whom the patient and family may turn for assistance and guidance during this period of the patient's re-adjustment to community living.

NURSING SERVICE

The nursing service is the basic department in the everyday care of the patient. Everyone in this department from the Director of Nurses, through the Supervisors and the Graduate Nurses, to the Psychiatric Aides has accomplished a great deal even though there have been shortages in all categories of employees. More employees are needed to provide the adequate every-day care, treatment, and protection which is so valuable in the final results for the patient. The improvement

in the general appearance of the wards, the cleanliness of the patients, and the better understanding of abnormal behavior has been due to the efforts of the entire nursing service.

The need for an increased number of graduate nurses is evident in the geriatric infirmary and the tuberculosis ward where nursing care plays such an important part in the treatment. All patients in the hospital would show improvement with increased psychiatric nursing care. According to the standards established by the American Psychiatric Association, the hospital should have 126 graduate nurses instead of the 20 who are on the staff. It is obvious that this number will not be attained, but we should increase the total of graduate nurses as rapidly as possible.

EDUCATION

All new employees are required to complete the Basis Training Course for Psychiatric Aides. The importance of the Psychiatric Aide as a member of the psychiatric team in the treatment program has been stressed, and this has resulted in an improvement in the attitude and approach toward patient care. With better understanding of patient behavior and reactions, the ward problems have been reduced. During the year 144 Aides completed the training course.

The psychiatric affiliation training for Student Nurses was begun on September 13, 1954 with nine students from Good Samaritan Hospital. In May 1955 the first group of student nurses from Memorial Hospital was added to the affiliation program. These student nurses spend twelve weeks at the hospital in order to complete the curriculum in class work, ward teaching, and patient care in psychiatric nursing which is necessary for graduation and subsequent registration. A number of the Student Nurses have expressed a desire to continue in psychiatric nursing following their graduation. The psychiatric training is not only important for the teaching value but also will provide a source of graduate nurses for the hospital in the future.

For the first time in the hospital's history a training course was given to all supervisory employees in "The Techniques of Supervision." This course was originated and planned by Mr. R. A. Clelland, Business Manager, and has been of value for all departments in the hospital. Additional courses for supervisors will be conducted by the Personnel Director.

PERSONNEL PRACTICES

Mr. H. F. Townsend was appointed as Personnel Director in June 1955. Personnel policies and procedures are reviewed constantly by the Hospital Procedures Committee, of which the Personnel Director is a member, in order to improve working conditions, hours of work and salary scales.

The Employees Co-ordinating Committee, consisting of employees from various hospital departments, has been functioning as a liaison between the employees and hospital management. This Committee has been helpful in improving the morale

among employees by considering the complaints and grievances as well as suggestions for improvement which are given to hospital management with the Committee's recommendations. One of the suggestions which has proven valuable was a monthly inspection award given to the ward which had shown the greatest improvement in cleanliness, ward management, and patient care. The award is a plaque made in the Occupational Therapy Dept. and which is displayed on the winning ward for that month.

During the past year the plan for providing adequate lighting throughout the hospital grounds was completed.

In November 1954 the remaining children were transferred to the Arizona Children's Colony. The children's ward has been remodeled into an admission section plus the offices of the Nursing Service.

AMERICAN PSYCHIATRIC INSPECTION REPORT

The report from the A.P.A. inspection which was completed in April 1954 was received in November 1954. On the basis of this report the hospital was not approved because of deficiencies in a number of areas in the hospital.

1. Lack of sufficient space for the patients resulting in overcrowding.
2. Lack of adequate sanitary facilities on the wards, including showers, lavatories and toilets.
3. Lack of sufficient personnel according to quotas necessary to provide the necessary care and treatment for the patients. The greatest shortage was in the Nursing Service and Medical Staff.
4. There were many recommendations made for improving the service and care of the patients depending upon correction of the above needs.
5. Many of the recommendations have been instituted and are now in operation so that the hospital has improved those functions which did not require additional appropriations.

In the proposed budget which was submitted, recommendations were made to the Legislature for new buildings and increased personnel. The Legislature appropriated \$450,000 to be used for the following building requests which was a good beginning for bringing the hospital to the standard necessary for approval.

1. Remodeling of the building which housed the chronic disturbed women.
2. Two additional wards to the Geriatric Building.
3. Remodeling of the main kitchen area.
4. An additional steam boiler.
5. The appropriation for salaries was increased to add employees necessary to take care of the new buildings which had been opened during the previous fiscal year.

FUTURE PLANS

The plan for remodeling all the old buildings plus additional buildings for employees' quarters, medical staff and nursing home was presented to the Legislature on the basis of the hospital needs for the next five years. The plan which was begun this year would provide the hospital with buildings which would meet the standards of an approved hospital.

The needed increase in personnel to meet American Phychiatric Association standards was projected over a three-year period with annual increases in the budget for salaries.

During the past three years Legislative appropriations have added new buildings and remodeled some of the old buildings which has improved conditions at the hospital for the benefit of the patients. It will be necessary for the Legislature to continue the interest and understanding that has been demonstrated so that future budgetary requests will be approved in order to bring the hospital to that standard which will bring approval from the American Psychiatric Association.

The help and co-operation of the entire Hospital Board of Control has been greatly appreciated. The confidence expressed by the Board has been valuable in developing and maintaining the program and policies of the hospital during the trying experiences of the past year. I express my personal thanks as well as the thanks of the entire hospital personnel to the Board for their untiring efforts, their interest, and their activities in behalf of the hospital.

Respectfully submitted,

A handwritten signature in cursive script, reading "Samuel Wick". The signature is written in dark ink and is positioned above the printed name and title.

SAMUEL WICK, M.D.
Director



This group of psychiatric aides completed its psychiatric training during the spring of 1955.



Dr. Lowell C. Wormley, Board Member, presents the first certificate of graduation in supervisory techniques to Mrs. Irene Covell.

During the spring of 1955 the hospital conducted its first course in supervisory techniques for department heads and supervisors. This is the first graduating class.



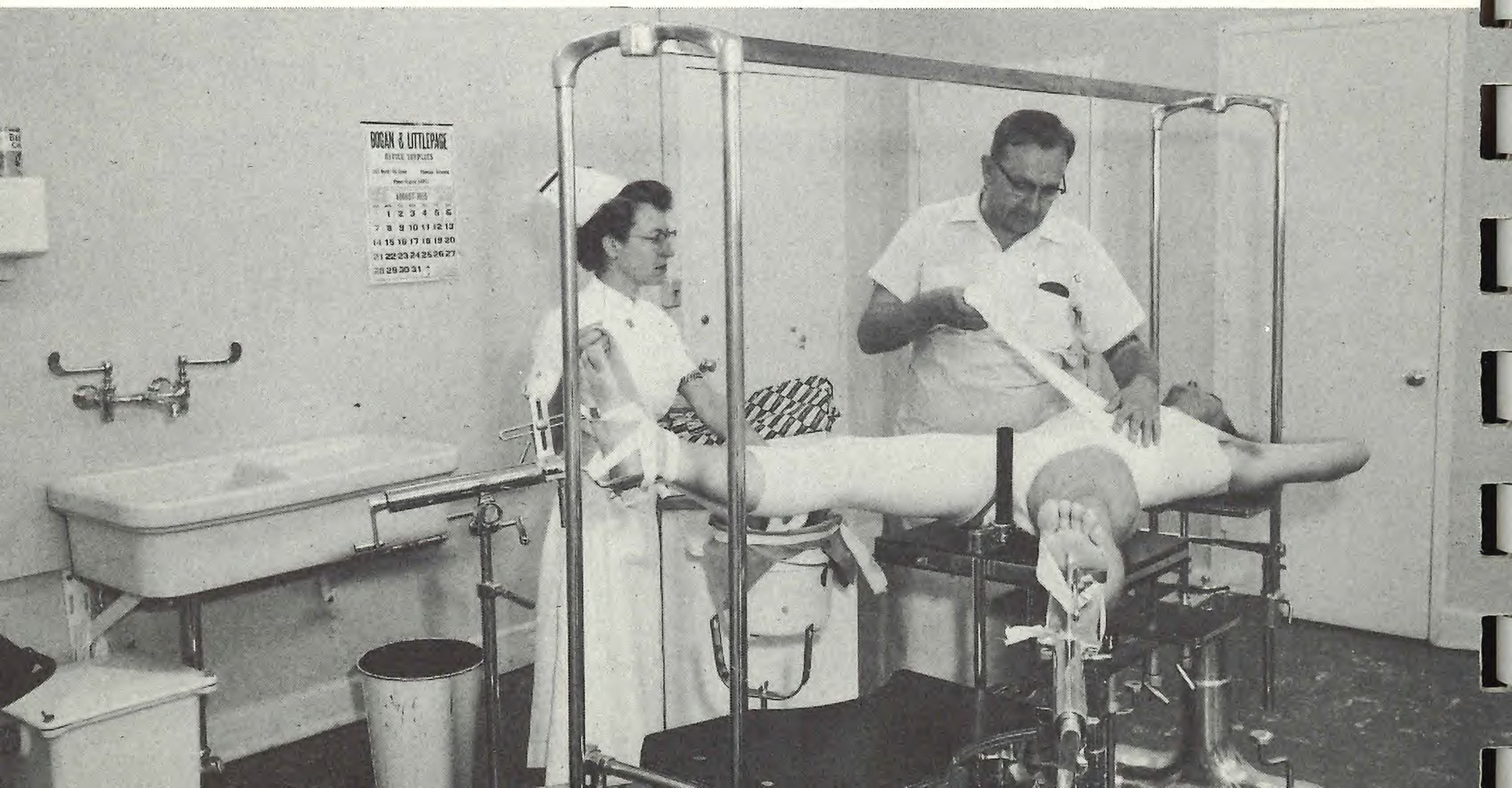
Medical Staff Report



New nursing office and admission center. In this area are the offices of the Director of Nurses, the Supervisors and the Admission Service.

Number of Staff meetings held during year.....	173
Number of patients seen at staff meetings.....	992
Surgery performed (not including NSU).....	124
Number of treatments given in Minor Surgery.....	1,913
Electric Shock Therapy	4,576
225 male patients received 1,419 treatments	
682 female patients received 3,157 treatments	
GYN Clinic (Dr. Siegal) Number of patients seen.....	269
TB consultations (Dr. Snyder).....	282
Autopsies performed.....	58
Number of deaths.....	156
Percentage of autopsies.....	37%
Chiropody Clinic (started Sept. 1954) Number of Patients.....	284
Psychology: Number of patients tested.....	222
X-rays taken.....	2,949
Laboratory: Number of tests made.....	9,265
Physiotherapy: Number of treatments.....	12,861
Outpatient Clinic (Psychiatric Consultations).....	239

Virginia Dixon, R.N., and William Zack, M.D., demonstrating application of body cast on the orthopedic fracture table in the hospital's modern, well-equipped fracture room.



Neurosurgical Report

HOSPITAL PATIENTS:

I. NEUROSURGICAL EXAMINATIONS:

a. Patients referred for Neurosurgical Evaluations..... 84

b. Re-examinations and follow-up of Neurosurgical
Patients 171

Total 255

II. ELECTROENCEPHALOGRAMS 178

III. X-RAYS 90

IV. SURGICAL PROCEDURES:

1. Arteriography 1

2. Craniotomy (Cerebellar) 1

3. Craniotomy Drainage (Subdural Hematoma)..... 1

4. Craniotomy (Lobectomy) 3

5. Lobotomy 3

6. Pneumoencephalograms 27

7. Spinal Pressure Tap..... 1

8. Ventricular and Lumbar Manometric
and Dye Tests..... 1

9. Ventriculography 1

Total 39

V. SPECIAL NURSES were provided for all patients who underwent Neurosurgical procedures. Their period of supervision and care usually was continued for one week post-operatively; longer when deemed necessary.

VI. CONSULTANTS:

Dr. John R. Green, Neurosurgeon
Dr. Harry F. Steelman, Neurosurgeon
Dr. James D. Barger, Pathologist

ANESTHETISTS:

Dr. Dana Lee Harnagel
Miss Alice Richards
Dr. Morris E. Stern
Dr. R. J. M. Zeluff

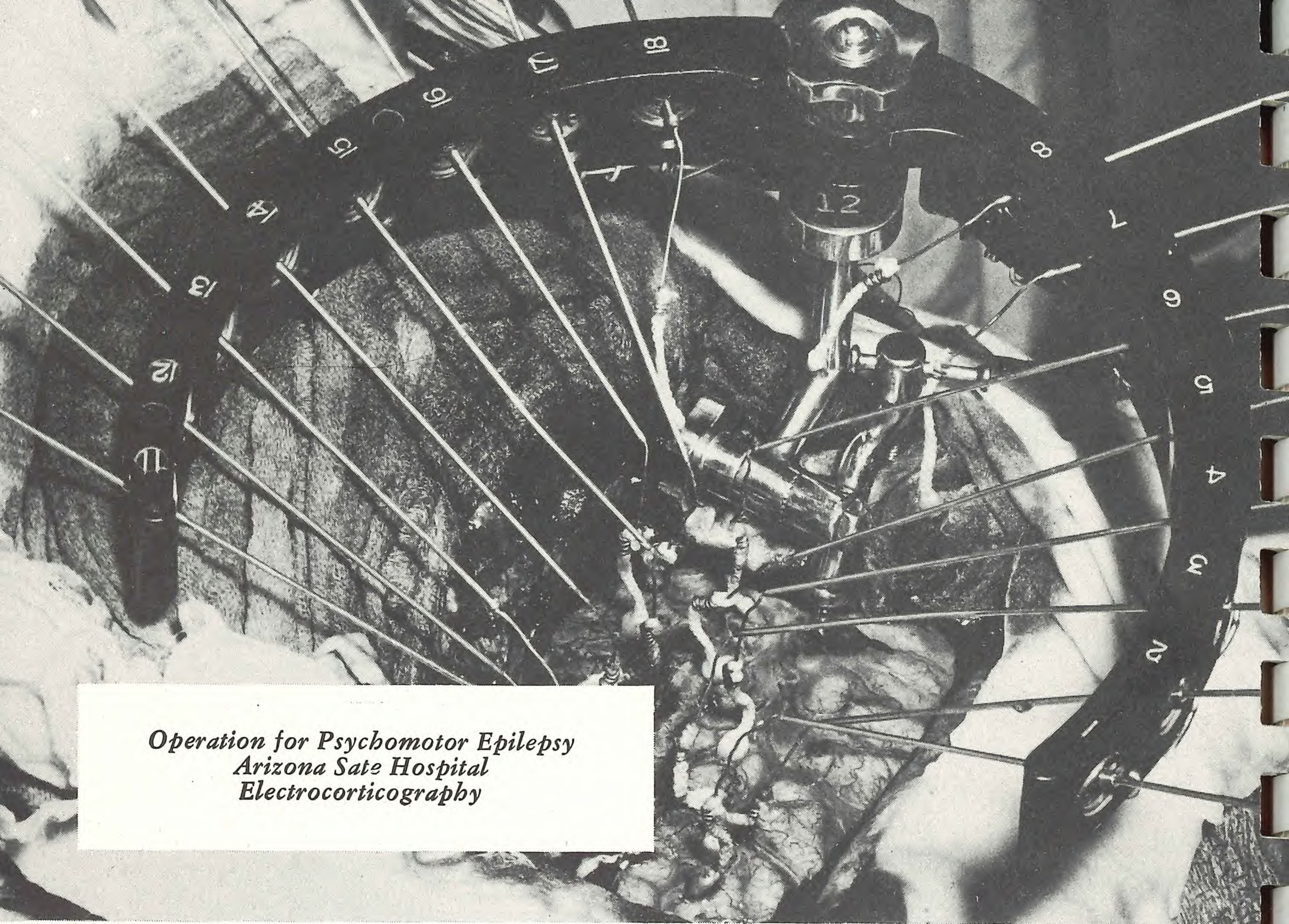
VII. CLINICAL PATHOLOGICAL CONFERENCES:

Conducted by:

Dr. Harry F. Steelman — Neuropathologist
Dr. James D. Barger — Pathologist

TEN clinical pathological conferences were held during the fiscal year 1954-1955. These conferences included the clinical records; differential diagnosis gross atopsy findings and section-
ings for microscopic examination. (Patients) 58

Total 620



*Operation for Psychomotor Epilepsy
Arizona Sate Hospital
Electrocorticography*

Out-Patient Report

NUMBER OF PATIENTS.....	485
1. Neurosurgical Evaluations	32
2. Neurosurgical and Neurological re-examinations and follow-ups	119
3. Psychiatric Evaluations	43
4. Psychiatric Consultations	196
5. Electroencephalograms	81
6. X-rays	14
Total	485

INDIGENT out-patients are referred to the Neurosurgical and Psychiatric out-patient clinic by various Welfare Departments throughout the State, Children's Clinics, Public School Doctors, Juvenile Departments, Health Clinics, County Hospitals, private doctors, etc.

SUMMARY

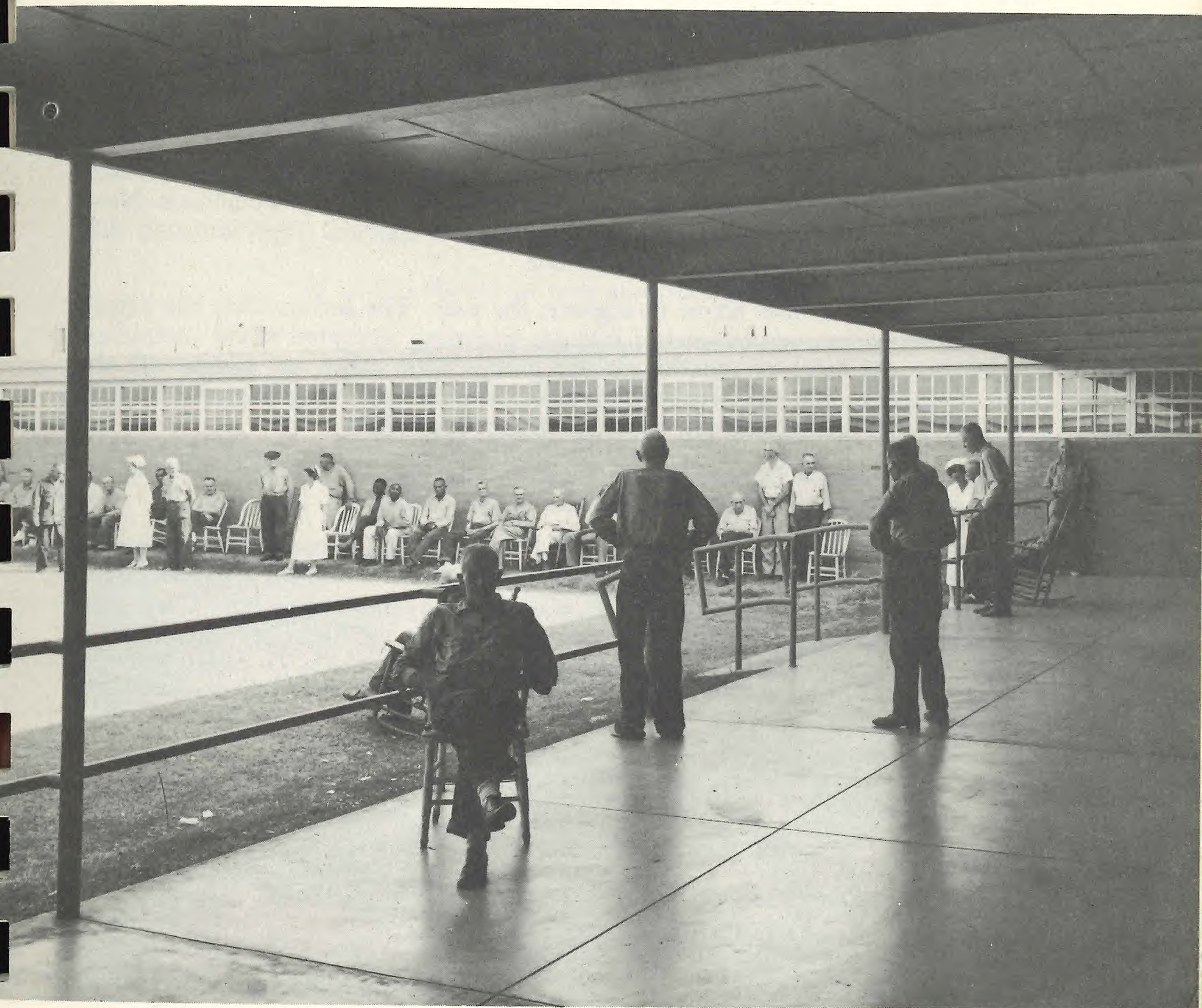
NEUROSURGICAL AND PSYCHIATRIC EXAMINATIONS OF HOSPITAL AND OUT-PATIENTS	645
ELECTROENCEPHALOGRAMS	259
X-RAYS	104
SURGICAL PROCEDURES	39
CLINICAL PATHOLOGY (Patients)	58
GRAND TOTAL	1105

Recreational Therapy Department

We sincerely believe the department has made great advances this past fiscal year. Our programs have been carefully planned and carried out to meet treatment aims. In arranging our programs effort has been made to plan activities which have value for the largest number of patients and which follow their expressed interests. Group activities, with men and women participating, pave the way for social adjustment and serve as emotional release.

The third annual midsummer carnival was held in July. There were booths, prizes, games, races, and refreshments for all. Many civic organizations assisted with the carnival and public support was gratifying.

Exhibition baseball games were held throughout the season. Litchfield Naval Facility, Airesearch and St. Mark's Parish used the Hospital diamond as their



On the newer wards, Geriatric patients are afforded access to suitable recreation and Arizona sunshine in spacious patios.

home field, and played all their home games here. Several times patients were taken to ball games at Phoenix Municipal Stadium.

Christmas at the Hospital was a joyous event. There were gifts for all. These included sweaters, wallets, western shirts, and similar items. Every patient received candy and fruit. There was one week of continual entertainment, both in the auditorium and on the wards.

The Recreation Department had a special display at the State Fair and assisted with the marionette show. Over 400 patients were taken to the Fair, the largest group ever to be taken off the grounds.

Recreational Therapy had an exhibition at the Phoenix Indian Ceremonials which took first prize. Approximately 100 patients were taken to the ceremonials. Many of them there were able to participate in the various contests. Approximately 400 patients attended the Jaycees Rodeo Parade.

The tennis club has been active throughout the year. The Indian Club has helped many Indian patients on to recover through providing interpreters and counselors. Throughout the summer months various groups were taken on picnics off the grounds. The favorite spot was Sahauro Lake. Several swimming parties were held at nearby pools. Swimming has excellent therapeutic values.

We now have movie facilities which include color and cinemascope. Movies are shown on fifteen wards each week besides in the auditorium once a week.

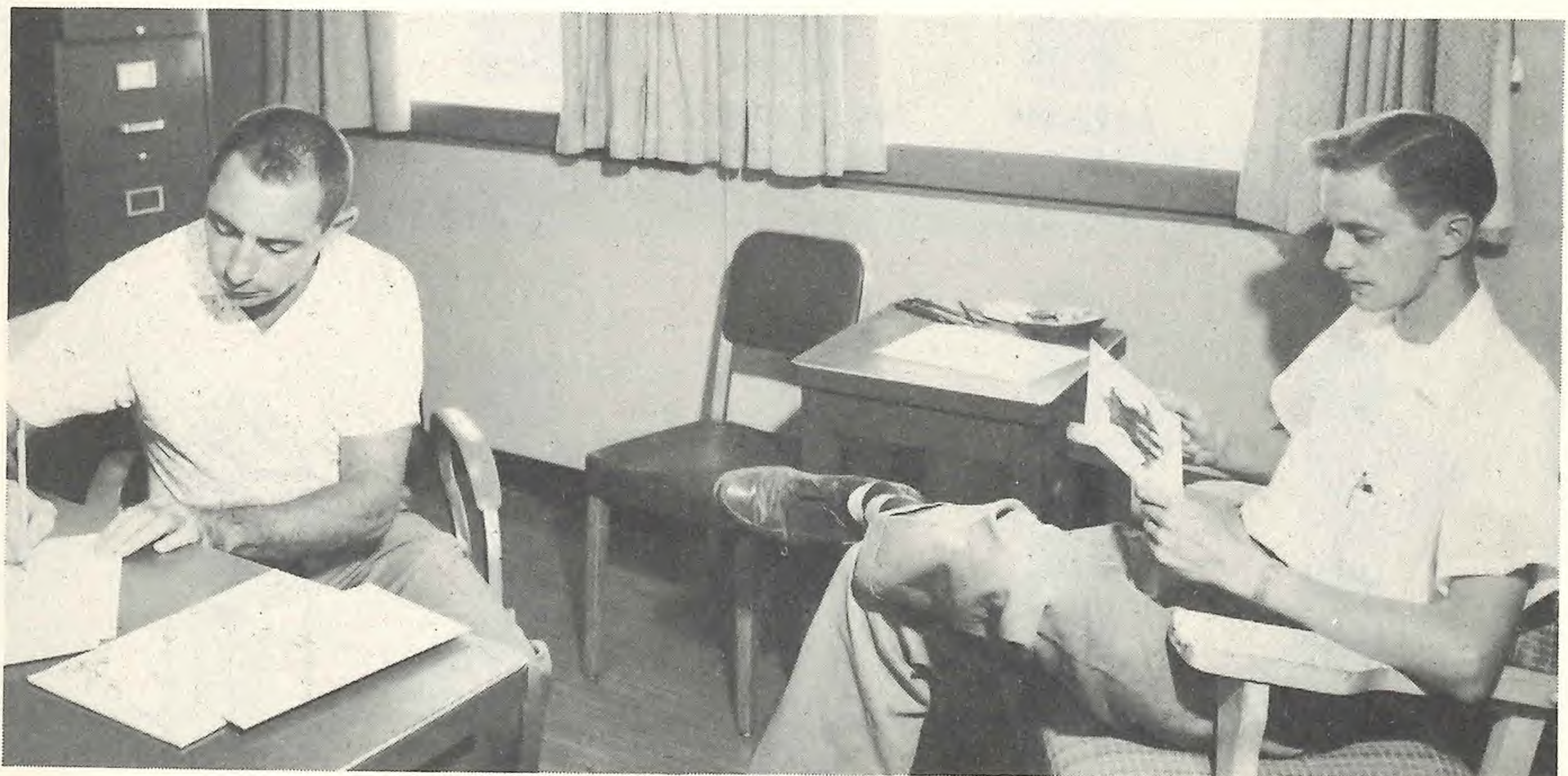
Many civic groups volunteer their time to make the hospital a pleasanter place during hospitalization. Some of the groups who do an excellent job here are: Sigma Beta Sorority, American Legion, Veterans of Foreign Wars, Musicians' Club, Arizona Indian Association, Y.W.C.A. College Group, and the Red Cross Gray Ladies. Religious services are held each week in the auditorium. St. Mark's Parish provides Catholic services while Protestant services are arranged through the Arizona Council of Churches.



Committee on Vocational Rehabilitation discussing plans for patients' rehabilitation and job placement following discharge. This committee includes representatives of the State Department of Vocational Rehabilitation.

Department of Psychology

I. Number of patients tested.....	200
II. Numer of tests administered.....	546
III. Number of therapeutic interviews.....	193
IV. Number of routine interviews.....	56
V. Number of lectures.....	13



Willard Rogers, Psychologist, conducting a Rorschach projective psychological test.

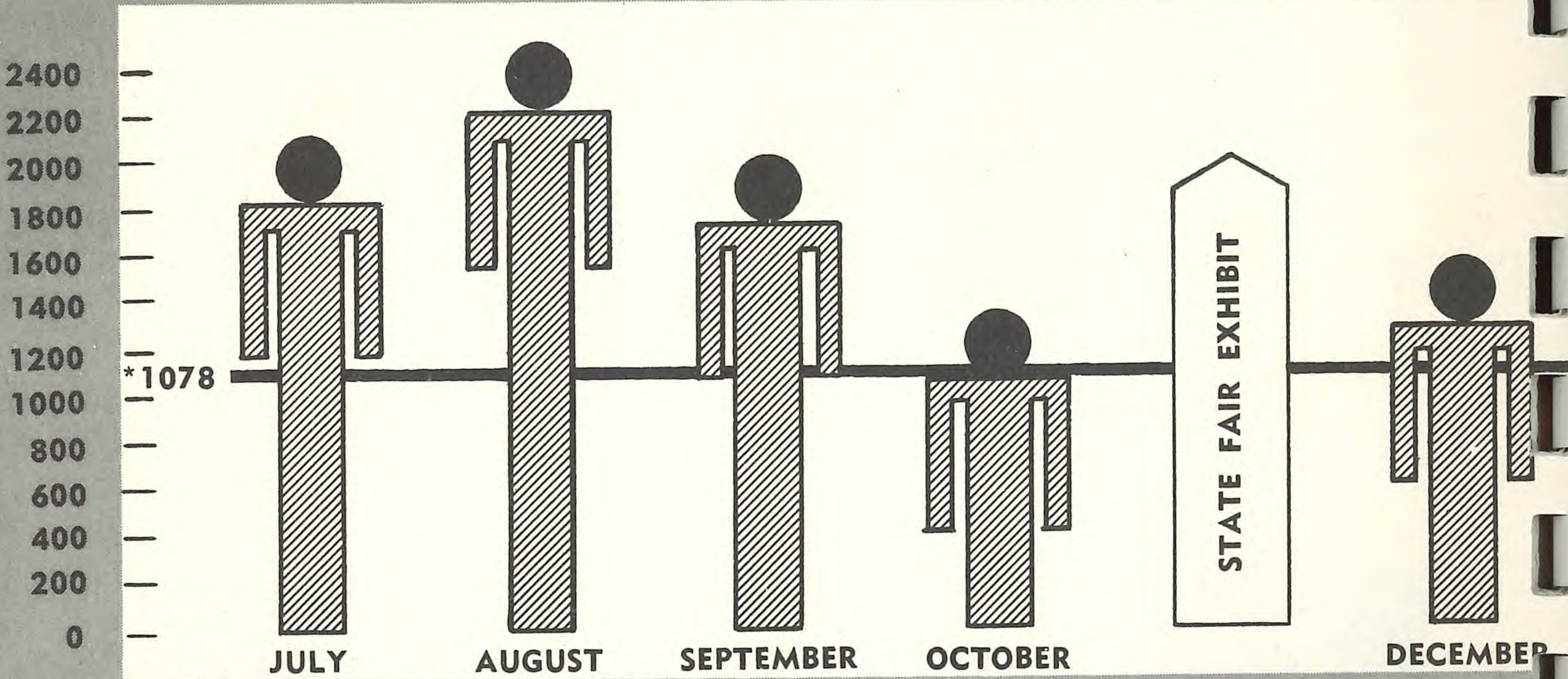
Department of Occupational Therapy

Occupational Therapy is any activity, mental or physical, medically prescribed and professionally guided in order to aid a patient in recovery from disease or injury.

There are now six employees guiding patients in activity programs suited to their needs. Some months, the number of patients coming to the units is too large for everyone to receive adequate attention and supervision necessary for truly therapeutic experiences.

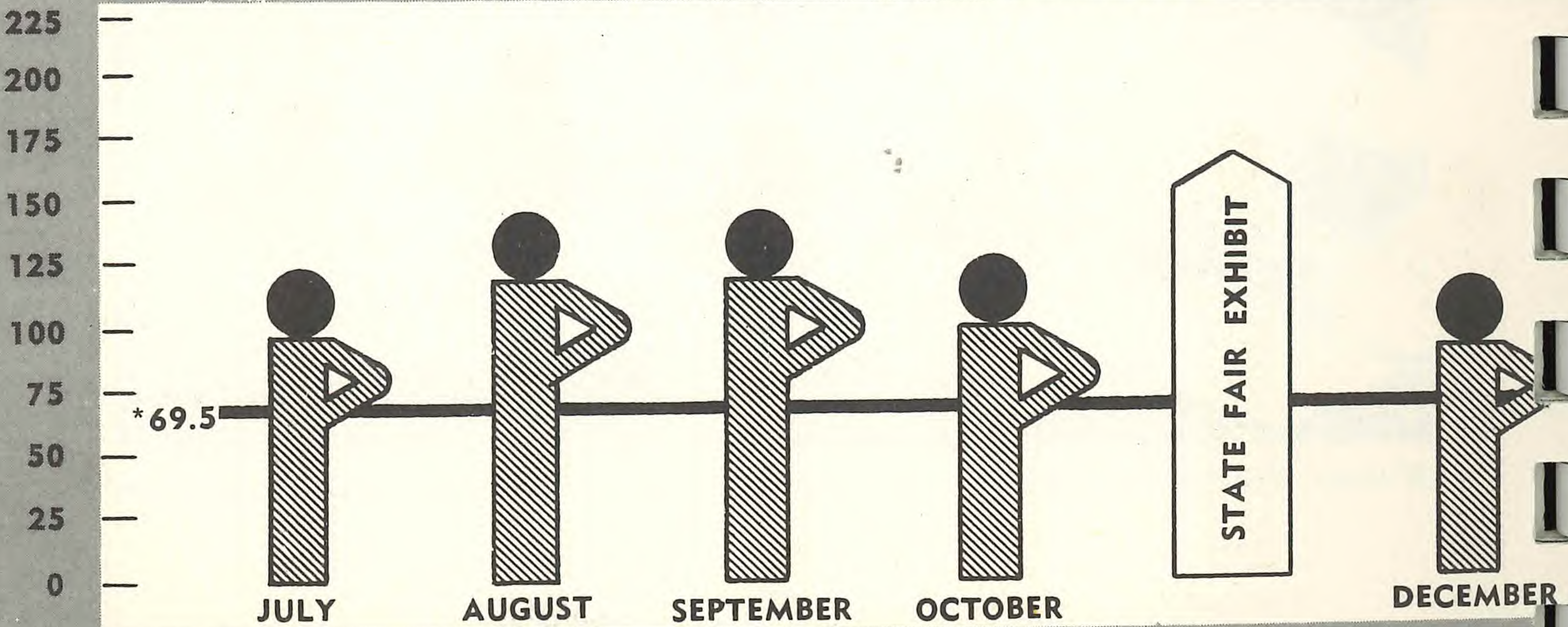
While constructive activity receives much emphasis, there are three main areas an Occupational Therapy program relies upon: the relationship of the patient to the therapist, the patient's relations with other patients, and the activities. It is people we are concerned with and the various projects are our tools for rehabilitation. The equipment in our units is very good, but a larger staff is needed to help more people build better human relationships.

Writing progress notes on the reactions of the patients in the Occupational Therapy Department has become an integral part of the procedures this year. Observations of the individual



* AVERAGE 1953-54

TREATMENTS FOR EACH MONTH



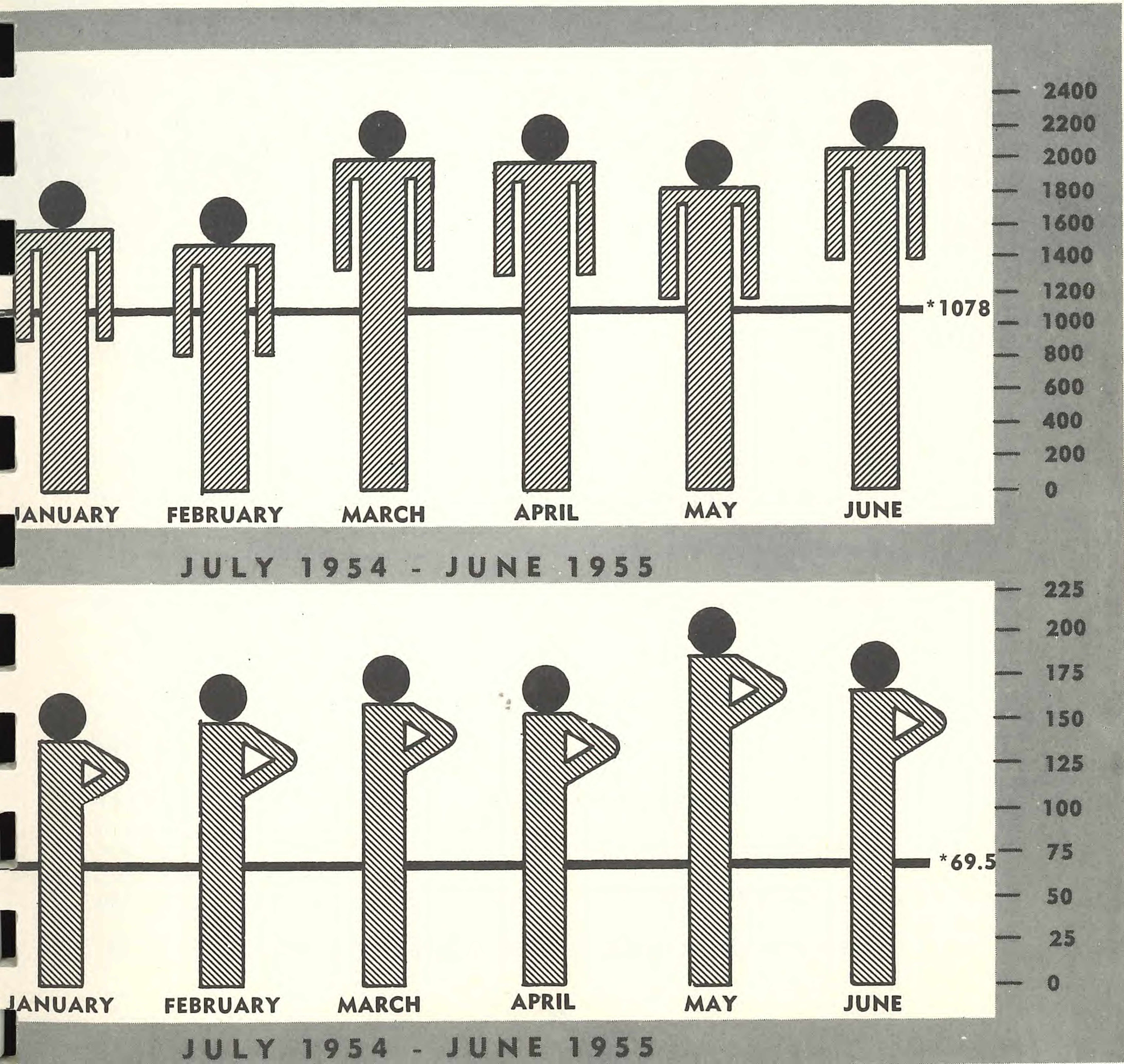
* AVERAGE 1953-54

PATIENTS SEEN EACH MONTH

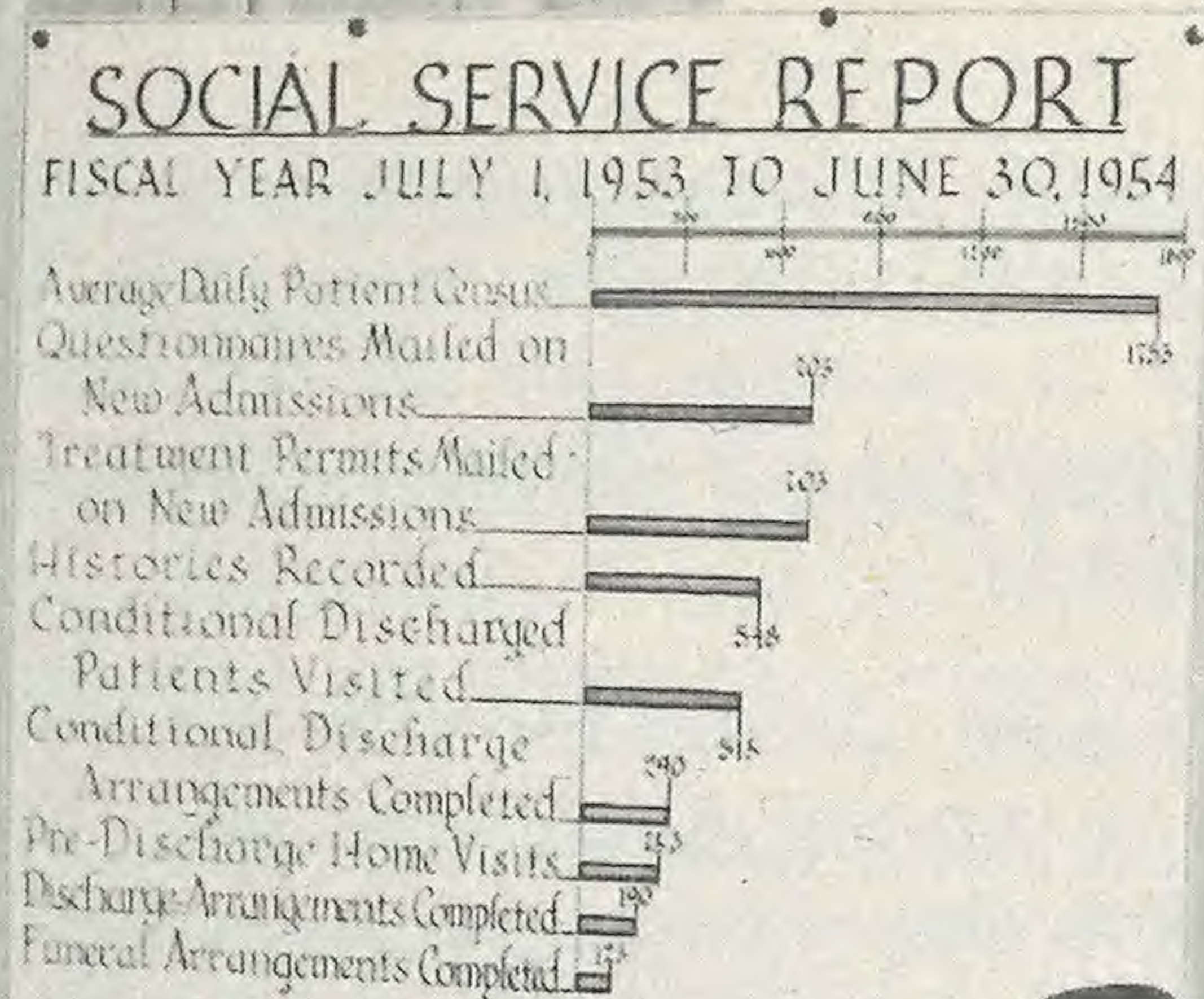
in performance provide important information for other hospital departments. The written comments are a learning experience for the therapist in that he must really consider that patient carefully in order to plan effective activities and write meaningful notes that become a part of the patient's permanent record.

During this first entire year in the Intensive Treatment Building statistics from the Occupational Therapy Department show much greater patient contact than those from 1953-1954 when the increased staff and the new units were in operation only the last three months of the year. For 1954-55, there were 22,302 treatments for 625 different patients, while 303 individuals received 12,938 treatments during 1953-54.

Of those 625 people, 291 were able to leave the hospital. Seventy-five were still hospitalized, but participating full time in Industrial Therapy at the end of the fiscal year. Thirty-nine patients prescribed to O.T. were discontinued because they could not be encouraged to return to the department or because after many months they had failed to show any benefit from the program. The remaining 217 were still scheduled to attend on a half-day daily basis. It is doubtful that the figures for 1955-56 will show any increase over this year since no additional personnel will be acquired. Plans for expansion are, therefore, limited; but efforts will be concentrated on improving the services now being rendered.



SOCIAL SERVICE



- SERVICES RENDERED**
BY
SOCIAL SERVICE DEPARTMENT
1. **SERVICES UPON PATIENT'S ADMISSION**
 - a. Securing case histories
 - b. Securing permission for treatment
 - c. Helping patient and family accept hospitalization
 2. **SERVICES DURING PATIENT'S HOSPITALIZATION**
 - a. Protecting patient's outside interests
 - b. Keeping patient in contact with relatives
 3. **SERVICES PRIOR TO PATIENT'S DISCHARGE**
 - a. Consultations with patient regarding future plans
 - b. Consultations with patient's relatives
 - c. Investigation of home for suitability
 - d. Helping patient secure employment
 4. **SERVICES AFTER PATIENT'S DISCHARGE**
 - a. Monthly follow-up visits to patient and family
 - b. Helping patient re-adjust to community life

Social Service Department

Histories taken (on admissions, re-admissions, returns from C.D., and patients committed prior to past fiscal year).....	742
Home Investigations, Pre-discharge.....	141
Home Visits, Follow-up.....	183
Deportation of Non-Residents.....	52
Arrangements Completed for Discharges.....	397
Arrangements Completed for Disch. while on Conditional Discharge	205
Arrangements Completed for Discharges while on Escape.....	11
Arrangements Completed for Conditional Discharges.....	404
Arrangements Completed for Burials.....	156
Contacts with Relatives during "Critical Condition" of patients.....	135

Pharmacy Department

Requisitions filled	5,871
Items supplied	28,465
Prescriptions filled for Employees	1,606
Manufactured:	
Liquids	893 gals.
Ointments	60 lbs.
Powders	101 lbs.
Injectable Sol.	7,500 cc.

Other Activities:

Teaching assignments completed: Lectures to student nurses on anti-convulsants and drugs used in a psychiatric hospital; lecture to aides on anti-convulsants. Conducted a refresher course on new drugs for our Registered Nurses. Acted as secretary to the Pharmacy and Therapeutics Committee which revised the Hospital Formulary for 1955. Monthly inspections were made of all ward drug supplies to insure proper labeling, correct count of proof-of-use drugs, and to remove out-dated or unneeded drugs.

Dental Report

Cleanings	292
Post-operative treatments	635
Examinations	788
Extractions	1,168
Fillings:	
Amalgam	59
Porcelain	71
Cement	2
Pyorrhea	760
Plate repairs	54
Temporary fillings	56
Adjustment of dentures	362
Place dentures:	
Full sets	17
Uppers	3
Partials (removable)	2
Duplicate	1
Impressions	23
Bites	22
Try ins	32
Ward Calls	63
X-rays	118
Incision of Abscess	8
Night calls	2
New patients examined	546
Number of follow-up examinations and treatments	2,544

X-Ray Department

Type of Examination	No. of Patients
Chest Plates, Patients (films used)	1,220
Chest Plates, Employees	380
Cervical Spine	15
Dorsal Spine	37
Lumbar Spine	34
Sacrum	2
5th Lumbar	6
Skulls	136
Ventriculogram	1
Arteriogram	1
Pneumo-encephalograms	27
Jaws	6
Noses	8
Sygoma	2
Sinuses	2
Long bones of body	1
Localization of area	2
Ribs	19
Shoulders	50
Extremities	193
Humerus	9
Elbows	13
Forearm	3
Pelvis	48
Hips	65
Femurs	4
Abdomen for pathology	41
Adomen for pregnancy	5
K. U. B.	10
G. B. Series	17
Urinary Bladder with Dye	1
G. I. Series	5
I. V. Pyelograms	2
Esophagus with barium	1
Barium enemas	2
Fluoroscopy	20
E. K. G.	114
Plates, Employees (other than chests)	49
Total number examinations	2,551

Other Activities:

110 Sets of Photographs of patients. 117 sets of fingerprints patients and employees during July and Aug. 1954. Participated in Educational Training program.

Laboratory Report

Urinalysis	2,543
Hgb. Rbc. Wbc.	1,774
Differential Leukocyte Count	675
Sedimentation Rate	58
Reticulocyte Count	10
Platelet Count	1
Bleeding Time	2
Coagulation Time	2
Hematocrit	7
Blood Typing (Group & Rh)	49
Cross Match	74
Urine Urobilinogen	5
Icterus Index	58
Vandenbergh	15
N.P.N.	17
Blood Sugar	228
Glucose Tolerance	2
Blood Calcium	1
Blood Phosphorus	1
Cholesterol	9
Blood Urea Nitrogen	1
Blood Bromide	20
Serum Uric Acid	1
Thymol Turbidity	1
Cephalin-Cholesterol Flocculation Test	1
Serum Total Protein	1
Albumin Globulin Ratio	1
Spinal Fluid Sugar	14
Spinal Fluid Chloride	8
Spinal Fluid Globulin (Pandy's)	209
Spinal Fluid Cell Count	208
Spinal Fluid Total Protein	209
Spinal Fluid Colloidal Gold	208
Spinal Fluid V.D.R.L.	208
B.S.P.	3
Blood Serologies (Drawn & V.D.R.L.)	1,585
Agglutinations	2
Antibiotic Sensitivity Test	100
Papanicalaou Smears	64
Gram Stains	26
Acid-Fast Stain for T.B. (Sputums and Gastric Lavages)	259
Gastric Analysis	12
Gastric Lavages	39
Guinea Pig Inoculations & Biopsy	1
Milk Bacterial Plate Count	62
Milk Phosphatase Pasteurization Test	31
Cultures	151
Basal Metabolism	27
Samples Collected for Milk Analysis	58
Feces Exam.	40
Autopsies	58
Biopsies	126
<hr/>	
Total Procedures	9,265



The new and enlarged Physiotherapy Department for male patients. This area includes hydrotherapy tubs, needle sprays, whirlpool baths, ultra violet and infra red treatments and the latest in diathermy equipment.

Hydrotherapy Department

Treatment	Hydro East (Male)	Hydro West (Female)	Hydro B-1 (Female)	Total
Sedative Tubs	67	1,723	1,019	2,809
Needle Spray	62	0	0	62
Scotch Douche	4	0	0	4
Sedative Packs	0	7	2,322	2,329
Whirlpool	12	0	0	12
Soaks	0	42	351	393
Oil Rubs	0	88	22	110
Alcohol Rubs	78	1,730	3,341	5,149
Massage	25	364	60	449
Exercise	10	217	56	283
Diathermy	17	324	27	368
Infra Red Ray	11	84	66	161
Ultra Violet Ray	12	0	124	136
Dyes or Paints	0	0	489	489
Dressings	0	0	107	107
	<hr/> 298	<hr/> 4,579	<hr/> 7,984	<hr/> 12,861

NOTE: The Hydrotherapy Dept. for Men was opened 6-14-55. Average Monthly Treatments (Not including Hydro East Male): 1,047.

Movement of Patient Population

	MALE	FEMALE	TOTAL
In Hospital 7-1-54	905	850	1,755
On Conditional Discharge	119	217	336
On Escape	30	1	31
TOTAL ON BOOKS	1,054	1,068	2,122

ADMISSIONS

Admissions 7-1-54 through 6-30-55	296	261	557
Re-Admissions	51	53	104
Returned from Conditional Discharge	62	72	134
Returned from Escape	22	5	27
Observations	50	29	79
Voluntary	22	22	44
TOTAL ADMISSIONS	503	442	945
TOTAL PATIENTS TREATED	1,408	1,292	2,700

SEPARATIONS

Discharged from Hospital	235	162	397
Discharged on Conditional Discharge or Escape	206	251	457
Deaths in the Hospital	99	57	156
TOTAL DISCHARGES	540	470	1,010
Discharged while on Conditional Discharge	77	128	205
Discharged while on Escape	11	0	11
Deaths on Conditional Discharge or Escape	4	0	4
TOTAL SEPARATIONS	632	598	1,230
In Hospital 6-30-55	884	806	1,690
On Conditional Discharge	104	161	265
On Escape	21	1	22
TOTAL ON BOOKS	1,009	968	1,977

LENGTH OF RESIDENCE OF PATIENTS IN HOSPITAL AS OF JUNE 30, 1955

Less than 1 year	154	141	295
1 year to 4 years	217	222	439
5 years to 9 years	193	171	364
10 years to 14 years	123	99	222
15 years to 19 years	69	53	122
20 years to 24 years	43	45	88
25 years to 29 years	35	34	69
30 years to 34 years	17	16	33
35 years to 39 years	14	9	23
40 years to 44 years	9	11	20
45 years to 49 years	6	3	9
50 years to 54 years	3	0	3
55 years to 59 years	1	2	3
TOTAL RESIDENTS	884	806	1,690

First Admissions

ACUTE BRAIN SYNDROME

	MENTAL DIAGNOSIS	MALE	FEMALE	TOTAL
02.1	Associated with Alcohol Intoxication	21	5	26
02.2	" " Drug or Poison Intoxication	3	3	6
05	" " Convulsive Disorder	0	0	0
01,03,04,06 through 09	Other Acute Brain Syndromes	8	3	11

CHRONIC BRAIN SYNDROMES

10	Diseases and Conditions due to Prenatal Influence	0	0	0
11.0	Meningoencephalitic Syphilis	7	4	11
11.1-.2	Other C.N.S. Syphilis	0	0	0
12.0	Epidemic Encephalitis	1	1	2
12.1	Other Intracranial Infections	0	0	0
13.0	Alcohol Intoxication	8	4	12
13.1	Drugs or Poison Intoxication	0	0	0
14.0	Birth Trauma	1	6	7
15.0	Cerebral Arteriosclerosis	48	21	69
15.1	Other Circulatory Disturbances	12	7	19
16	Convulsive Disorder	16	14	30
17.1	Senile Brain Disease	22	28	50
17.2-.3	Other Disturbances of Metabolism, Growth & Nutrition	3	4	7
18	Intracranial Neoplasm	1	3	4
19.0-.3	Diseases of Unknown and Uncertain Cause	4	0	4
19.4	Chronic Brain Syndrome of Unknown Cause	4	3	7

PSYCHOTIC DISORDERS

20	Involutional Psychotic Reaction	12	15	27
21.0-.3	Manic-Depressive Reaction	12	27	39
22	Schizophrenic Reaction	112	108	230
23	Paranoid Reactions	4	2	6
24	Other	0	0	0
30-39	Psychophysiologic Autonomic & Visceral Disorders	1	0	1
40	Psychoneurotic Reactions	13	28	41
50	Personality Pattern Disturbance	9	1	10
51	Personality Trait Disturbance	2	6	8
52.0	Antisocial Reaction	6	1	7
52.1	Dyssocial Reaction	0	1	1
52.2	Sexual Deviation	1	0	1
52.3	Alcoholic (addiction)	3	0	3
52.4	Drug Addiction	0	0	0
53	Special Symptom Reaction	0	0	0
54	Transient Situational Personality	2	2	4
60-62	Mental Deficiency	14	13	27
0y0-001	Without Mental Illness	4	1	5
000	Mental Illness Undiagnosed	3	1	4
TOTAL		358	322	680

Re - Admissions

ACUTE BRAIN SYNDROME

MENTAL DIAGNOSIS		MALE	FEMALE	TOTAL
02.1	Associated with Alcohol Intoxication	2	1	3
02.2	" " Drug or Poison Intoxication.....	1	0	1
05	" " Convulsive Disorders	0	0	0
01,03,04,06 through 09	Other Acute Brain Syndromes	1	0	1

CHRONIC BRAIN SYNDROMES

10	Diseases and Conditions due to Prenatal Influence	0	1	1
11.0	Meningoencephalitic Syphilis	2	2	4
11.1-.2	Other C.N.S. Syphilis	0	0	0
12.0	Epidemic Encephalitis	0	0	0
12.1	Other Intracranial Infections	1	0	1
13.0	Alcohol Intoxication	6	1	7
13.1	Drug or Poison Intoxication	0	0	0
14.0	Birth Trauma	0	1	1
14.1-.5	Other Trauma	3	0	3
15.0	Cerebral Arteriosclerosis	9	4	13
15.1	Other Circulatory Disturbance	5	0	5
16	Convulsive Disorder	14	7	21
17.1	Senile Brain Disease	2	4	6
17.2-.3	Other Disturbance of Metabolism, Growth & Nutrition	2	1	3
18	Intracranial Neoplasm	1	0	1
19.0-.3	Diseases of Unknown and Uncertain Cause.....	2	1	3
19.4	Chronic Brain Syndrome of Unknown Cause	2	0	2

PSYCHOTIC DISORDERS

20	Involutional Psychotic Reaction	2	2	4
21.0-.2	Manic-Depressive Reaction	0	0	0
21.3	Psychotic Depressive Reaction	3	15	18
22	Schizophrenic Reactions	56	76	132
23	Paranoid Reactions	3	1	4
24	Other	0	0	0
30-39	Psychophysiologic Autonomic & Visceral Disorders	0	0	0
40	Psychoneurotic Reactions	0	5	5
50	Personality Pattern Disturbance	1	0	1
51	Personality Trait Disturbance	0	2	2
52.0	Antisocial Reaction	4	1	5
52.1	Dyssocial Reaction	0	0	0
52.2	Sexual Deviation	1	0	1
52.3	Alcoholism (addiction)	4	2	6
52.4	Drug Addiction	0	0	0
53	Special Symptom Reaction	0	0	0
54	Transient Situational Personality Disturbance	0	0	0
60-62	Mental Deficiency	7	3	10
0y0-001	Without Mental Illness	0	0	0
000	Mental Disorder Undiagnosed	1	0	1
TOTAL		135	130	265

Discharged Males

MENTAL DIAGNOSIS		RECOD.	IMPVD.	UNIMPVD.	WHILE ON C.D. OR ESCAPE
ACUTE BRAIN SYNDROMES					
02.1	Associated with Alcohol Intoxication	20	2	0	1
02.2	" " Drug or Poison Intoxic.	4	0	0	0
05	" " Convulsive Disorder	0	0	0	0
01,03,04,06 through 09	Other Acute Brain Syndromes	14	1	0	0
CHRONIC BRAIN SYNDROMES					
10	Diseases and Conditions due to Prenatal Influence	0	1	0	0
11.1	Meningoencephalitic Syphilis	0	3	1	0
11.1-.2	Other Central Nervous System Syphilis	0	3	1	1
12.0	Epidemic Encephalitis	1	1	0	0
12.1	Other Intracranial Infection	0	1	0	0
13.0	Alcohol Intoxication	5	7	0	1
13.1	Drug and Poison Intoxication	0	0	0	0
14.0	Birth Trauma	0	0	0	1
14.1-.5	Other Trauma	0	6	0	1
15.0	Cerebral Arteriosclerosis	2	19	3	9
15.1	Other Circulatory Disturbance	2	4	0	4
16	Convulsive Disorder	10	19	0	4
17.1	Senile Brain Disease	0	1	2	1
17.2-.3	Other Disturbance of Metabolism, Growth, and Nutrition	0	3	0	0
18	Intracranial Neoplasm	0	3	0	0
19.0-.3	Disease of Unknown and Uncertain Cause	0	4	1	1
19.4	Chronic Brain Syndrome of Unknown Cause	2	5	1	4
PSYCHOTIC DISORDERS					
20	Involutional Psychotic Reaction	5	8	0	1
21.0-.2	Manic-Depressive Reaction	5	12	0	1
21.3	Psychotic Depressive Reaction	1	2	0	0
22	Schizophrenic Reactions	17	115	12	48
23	Paranoid Reactions	0	6	1	3
24	Other	0	0	0	0
30-39	Psychophysiologic Autonomic and Visceral Disorders	1	0	0	0
40	Psychoneurotic Reactions	8	8	0	1
50	Personality Pattern Disturbance	6	2	0	0
51	Personality Trait Disturbance.....	3	0	1	0
52.0	Antisocial Reaction	9	1	0	0
52.1	Dyssocial Reaction	0	0	0	0
52.2	Sexual Deviation	1	1	0	0
52.3	Alcoholism (Addiction)	10	1	0	0
52.4	Drug Addiction	0	0	0	0
53	Special Symptom Reaction	1	0	0	0
54	Transient Situational Personality Disturbance	2	0	0	0
60-62	Mental Deficiency	5	27	5	5
0y0-001	Without Mental Illness	8	5	0	1
000	Mental Disorder Undiagnosed	0	0	0	1
TOTALS		142	271	28	88

Discharged Females

MENTAL DIAGNOSIS		RECOVD.	IMPVD.	UNIMPVD.	WHILE ON C.D. OR ESCAPE
ACUTE BRAIN SYNDROMES					
02.1	Associated with Alcohol Intoxication ..	5	0	0	0
02.2	" " Drug or Poison Intoxic.	4	0	0	0
05	" " Convulsive Disorder	0	0	0	0
01,03,04,06, through 09	Other Acute Brain Syndromes	0	1	0	0
CHRONIC BRAIN SYNDROMES					
10	Diseases and Conditions due to Parental Influence	0	1	0	0
11.0	Meningoencephalitic Syphilis	0	4	0	0
11.1-.2	Other Central Nervous System Syphilis	0	0	0	0
12.0	Epidemic Encephalitis	1	0	0	0
12.1	Other Intracranial Infections	0	0	0	0
13.0	Alcohol Intoxication	2	2	0	0
13.1	Drug or Poison Intoxication.....	0	0	0	0
14.0	Birth Trauma	2	5	0	0
14.1-14.5	Other Trauma	0	0	0	0
15.0	Cerebral Arteriosclerosis	1	7	3	7
15.1	Other Circulatory Disturbance	1	3	0	3
16	Convulsive Disorder	6	17	1	6
17.1	Senile Brain Disease	0	4	1	2
17.2-.3	Other Disturbance of Metabolism, Growth, and Nutrition	0	0	1	0
18	Intracranial Neoplasm	0	0	0	0
19.0-.3	Diseases of Unknown and Uncertain Cause	0	4	0	1
19.4	Chronic Brain Syndrome of Unknown Cause	0	6	0	0
PSYCHOTIC DISORDERS					
20	Involutional Psychotic Reaction	1	13	0	7
21.0-.2	Manic Depressive Reaction	3	32	1	0
21.3	Psychotic Depressive Reaction	3	8	0	6
22	Schizophrenic Reactions	17	159	5	75
23	Paranoid Reactions	1	10	0	2
24	Other	0	0	0	0
30-39	Psychophysiologic Autonomic and Visceral Disorders	0	0	0	0
40	Psychoneurotic Reactions	11	14	0	5
50	Personality Pattern Disturbance	1	0	0	1
51	Personality Trait Disturbance	5	2	0	0
52.0	Antisocial Reaction	3	2	0	0
52.1	Dyssocial Reaction	0	0	0	0
52.2	Sexual Deviation	0	0	0	0
52.3	Alcoholism (Addiction)	1	1	0	0
52.4	Drug Addiction	0	0	0	0
53	Special Symptom Reaction	0	0	0	0
54	Transient Situational Personality Disturbance	1	1	0	0
60-62	Mental Deficiency	5	25	2	3
0y0-001	Without Mental Illness	3	0	0	0
000	Mental Disorder Undiagnosed	1	0	0	0
TOTALS		78	321	14	128

Deaths

July 1, 1954 through June 30, 1955

MENTAL DIAGNOSIS		MALE	FEMALE	TOTAL
ACUTE BRAIN SYNDROMES				
02.1	Associated with Alcohol Intoxication	0	0	0
02.2	" " Drug or Poison Intoxication.....	0	0	0
05	" " Convulsive Disorder	0	0	0
01,03,04,06 through 09	Other Acute Brain Syndromes.....	1	1	2
CHRONIC BRAIN SYNDROMES				
10	Diseases and Conditions due to Parental Influence	0	0	0
11.0	Meningoencephalitis Syphilis	1	1	2
11.1-2	Other Central Nervous System Syphilis.....	6	2	8
12.0	Epidemic Encephalitis	1	1	2
12.1	Other Intracranial Infections	0	1	1
13.0	Alcohol Intoxication	3	0	3
13.1	Drug or Poison Intoxication	0	0	0
14.0	Birth Trauma	0	0	0
14.1-5	Other Trauma	0	0	0
15.0	Cerebral Arteriosclerosis	45	14	59
15.1	Other Circulatory Disturbance	8	5	13
16	Convulsive Disorder	1	1	2
17.1	Senile Brain Disease	10	16	26
17.2-3	Other Disturbance of Metabolism, Growth and Nutrition	2	1	3
18	Intracranial Neoplasm	1	2	3
19.0-3	Diseases of Unknown and Uncertain Cause.....	3	1	4
19.4	Chronic Brain Syndrome of Unknown Cause	1	0	1
PSYCHOTIC DISORDERS				
20	Involutional Psychotic Reaction	1	2	3
21.0-3	Manic Depressive Reaction	3	1	4
22	Schizophrenic Reactions	7	7	14
23	Paranoid Reactions	1	0	1
24	Other	0	0	0
30-39	Psychophysiologic Autonomic & Visceral Disorders	0	0	0
40	Psychoneurotic Reactions	0	1	1
50	Personality Pattern Disturbance	1	0	1
51	Personality Trait Disturbance	0	0	0
52.0	Antisocial Reaction	0	0	0
52.1	Dyssocial Reaction	0	0	0
52.2	Sexual Deviation	0	0	0
52.3	Alcoholism (Addiction)	1	0	1
52.4	Drug Addiction	0	0	0
53	Special Symptom Reaction	0	0	0
54	Transient Situational Personality Disturbance.....	0	0	0
60-62	Mental Deficiency	2	0	2
00	Without Mental Illness	0	0	0
000	Mental Disorder Undiagnosed	0	0	0
TOTALS		99	57	156

Movement of Patient Population

TOTAL NUMBER OF PATIENTS COMMITTED TO ARIZONA
STATE HOSPITAL DURING THE PAST TEN YEARS

COUNTY	RECEIVED	RET'D FROM COND. DISCH & ESCAPE	COND, DISCH & ESCAPE	DISCH'D	EXPIRED
Apache	2	0	1	4	0
Cochise	26	1	8	13	9
Coconino	22	0	4	11	1
Gila	13	2	5	4	5
Graham	6	1	7	5	3
Greenlee	5	0	2	1	0
Maricopa	385	93	254	206	86
Mohave	2	2	2	0	2
Navajo	10	1	3	7	1
Pima	178	40	116	94	35
Pinal	42	8	22	31	3
Santa Cruz	5	1	5	3	2
Yavapai	23	7	13	9	5
Yuma	21	5	15	9	4
TOTAL	740	161	457	397	156

By Counties

	MALE	FEMALE	TOTAL
1945	323	193	516
1946	342	215	557
1947	338	232	570
1948	381	258	639
1949	453	267	720
1950	495	327	822
1951	391	335	726
1952	474	355	829
1953	396	299	695
1954	503	442	945
TOTAL	4096	2923	7019

Movement of Foreign Population

	In Hosp. 7-1-54	Rec'd.	C.D. Esc.	Ret'd	Disch.	Deported	Died	In Hosp. 6-30-55
Armenia	1				1			0
Austria	17							17
Canada	8	2			2			8
China	2	2			1			3
Cuba	1							1
Czechoslovakia	1	1			1		1	0
England	4	3			3		1	3
Finland	1							1
France	1							1
Germany	7	3			3		3	4
Greece	5			1	1			5
Hungary	2	1			2		1	0
India	1						1	0
Ireland	4			1	1			4
Italy	4	2		1	1			6
Jamaica	1							1
Japan	2							2
Mexico	34	15	4	3	26		6	24
Norway	1							1
Poland	6				1		1	4
Rumania	2							2
Russia	8	1			1			8
Scotland	3							3
Spain	4							4
Sweden	5	1					1	5
Turkey	1							1
Yugoslavia	1	1			1		1	0

The hospital's well-organized section of medical records, showing microfilm viewer and active medical records.



Arizona State Hospital

Annual Report of the Business Manager

Members of the Arizona State Hospital Board
Sherman Hazeltine, Chairman

There follows the required accounting of collections, expenditures and supplies for the fiscal year 1954-55; they are presented with an expression of gratitude for the important contribution made by the members of the Business staff.

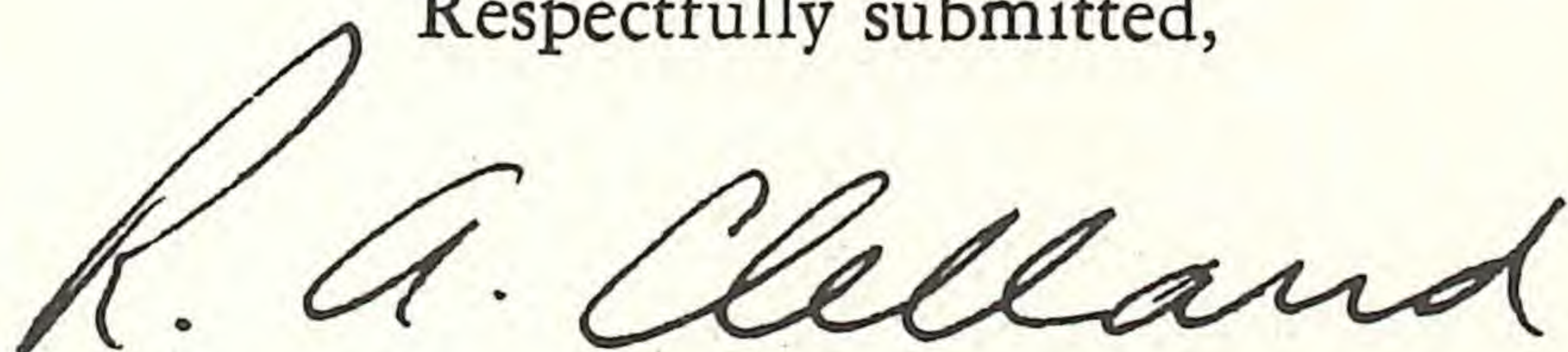
You will note that our collections for maintenance were successfully increased to \$204,855.86. From our appropriations and collections we were able to revert \$91,410.01 to the State general fund. Generally speaking, these were not capital outlay or personal services funds. Our salary funds (Personal Services) were still far short of the amount required for accreditation by the American Psychiatric Association.

During the year we began a long range program to bring all procedures; nursing and medical practices, personnel policies, buildings and equipment and total staff up to the level required by the American Psychiatric Association. It is the conclusion of management that Arizona needs and should have a hospital that can be accredited by this authoritative organization. Our budget requests for the next four years will be geared to the needs outlined in the A. P. A. survey.

It can be truthfully stated that the hospital accomplished last year every recommendation of the A. P. A. except those calling for more personnel, more buildings and more equipment. In short, we ended the year with the knowledge that the only factor blocking the way to the status of accreditation is an adequate budget for personal services and capital outlay.

Included hereafter are the productive reports of all hospital business industries and services. Naturally, it does not spell out the great load of detail work done by this fine staff.

Respectfully submitted,



R. A. Clelland
Business Manager

Business Division Staff

R. A. Clelland.....Business Manager
Al Greff.....Assistant Business Manager
Phillip R. Brown.....Chief Engineer
Pearl Rogers.....Supervisor, General Services
N. B. Hazeltine.....Food Service Supervisor
Walter Orr.....Farm Manager
J. B. Richards.....Manager, Supplies Department



Hazel Van Landingham processing claims for payment to hospital suppliers.

Expenditure Report

Collections and Appropriations	Fund Balance	Expended	Unused Balances 6-30-55	Reverted To Gen. Fund	Fwd. To 1955-56
1-3-11-000-0100					
Personal Services	1,298,861.49	1,291,452.25	*7,409.24	7,409.24	-0-
1-3-11-000-0200					
Current Expenditures	645,390.00	637,953.37	7,436.63	7,436.63	-0-
1-3-11-000-0300					
Subscriptions & Organi- zational Dues	650.00	616.00	34.00	34.00	-0-
1-3-11-000-0401					
Travel - State.....	3,000.00	1,553.26	1,446.74	1,446.74	-0-
1-3-11-000-0402					
Travel - Out of State	300.00	184.40	115.60	115.60	-0-
1-3-11-000-0800					
Special Operating	204,855.86	138,992.99	65,862.87	65,862.87	-0-
1-3-11-000-900					
Fixed Charges	2,310.00	1,913.58	396.42	396.42	-0-
1-3-11-000-1000					
Discharge Money	200.00	78.00	122.00	122.00	-0-
1-3-11-000-1100					
Care of Inst. Patients - Outside Services	20,000.00	13,783.34	6,216.66	6,216.66	-0-
1-3-11-000-1200					
Return of Patients	6,200.00	3,830.23	2,369.77	2,369.77	-0-
1-3-11-000-0507					
Capital Outlay - Construc- tion and Equipping.....	500,000.00	-0-	#500,000.00	-0-	500,000.00
1-3-11-000-0509					
Capital Outlay-Renovation Building & Equipment..	847.21	847.21	-0-	-0-	-0-
1-3-11-000-0510					
Capital Outlay - Security Ward Storeroom & Maint. Building	845.59	676.65	168.94	-0-	168.94
1-3-11-000-0512					
Capital Outlay - Hydro- therapy Facilities	4,400.00	4,399.99	.01	.01	-0-
1-3-11-000-0513					
Capital Outlay - Bldg. Improvement, Equipment and Livestock	36,544.00	36,544.00	-0-	-0-	-0-

(Continued Page 38)

Expenditure Report, Cont'd.

Collections and Appropriations	Fund Balance	Expended	Unused Balances 6-30-55	Reverted To Gen. Fund	Fwd. To 1955-56
1-3-11-000-0514					
Textbooks	100.00	99.93	.07	.07	-0-
1-3-11-000-0515					
Capital Outlay - Construc- tion and Equipment.....	450,000.00	159.30	449,840.70 Δ	-0-	449,840.70
2-3-11-000-0700	30,210.20	30,589.65 \square	3,801.02	-0-	3,801.02
Endowment Earnings Fwd.....	4,180.47				
Total Available					
For Expenditure.....	\$3,208,894.82				
Total Expended		\$2,163,674.15 \checkmark			
Balance June 30, 1955.....			\$1,045,220.67		
Reverted to General Fund.....				\$ 91,410.01	
Balance Forward 1955-56.....					\$953,810.66

*These salary funds were reverted only because certain categories of skilled technical help, for which funds were received, could not be acquired until late in the fiscal year.

#This fund, while listed in our budget, has not been made available for hospital use by the Legislature.

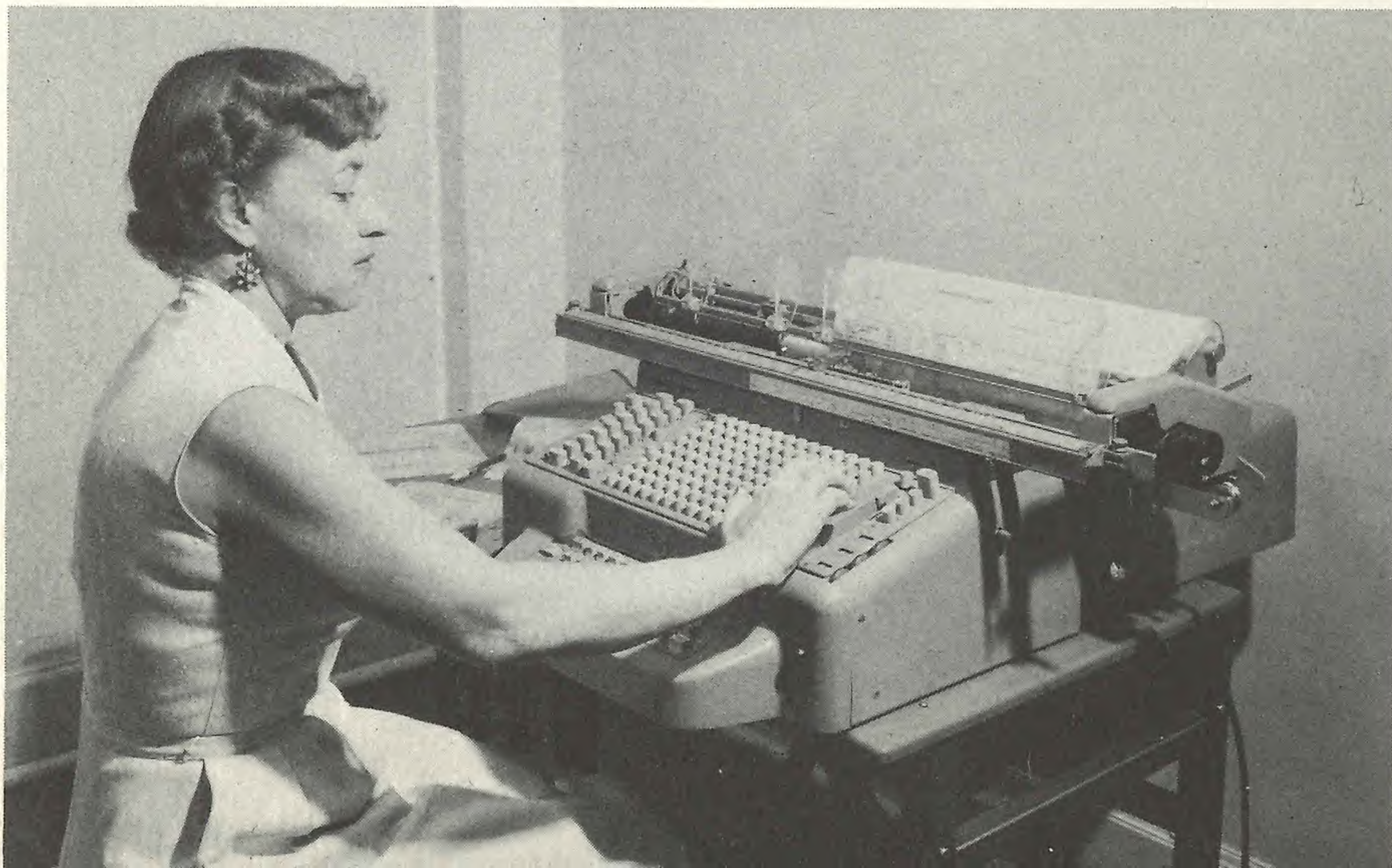
Δ This fund was appropriated by the 1955 session of the Legislature and will be used for buildings during the year 1955-56.

\square This fund is earnings from state land rentals and was used to supplement an inadequate appropriation for equipment.

\checkmark Government accounting cannot allow for amortization of equipment and buildings over the period of their life expectancy. Without Capital Outlay, the actual expenditure for the year was \$2,090,357.42.

Aletha F. Clarke, Bookkeeper

During the fiscal year the hospital moved from old-fashioned hand posting to the use of automatic bookkeeping equipment for accounting, payroll, inventory control and budget control.

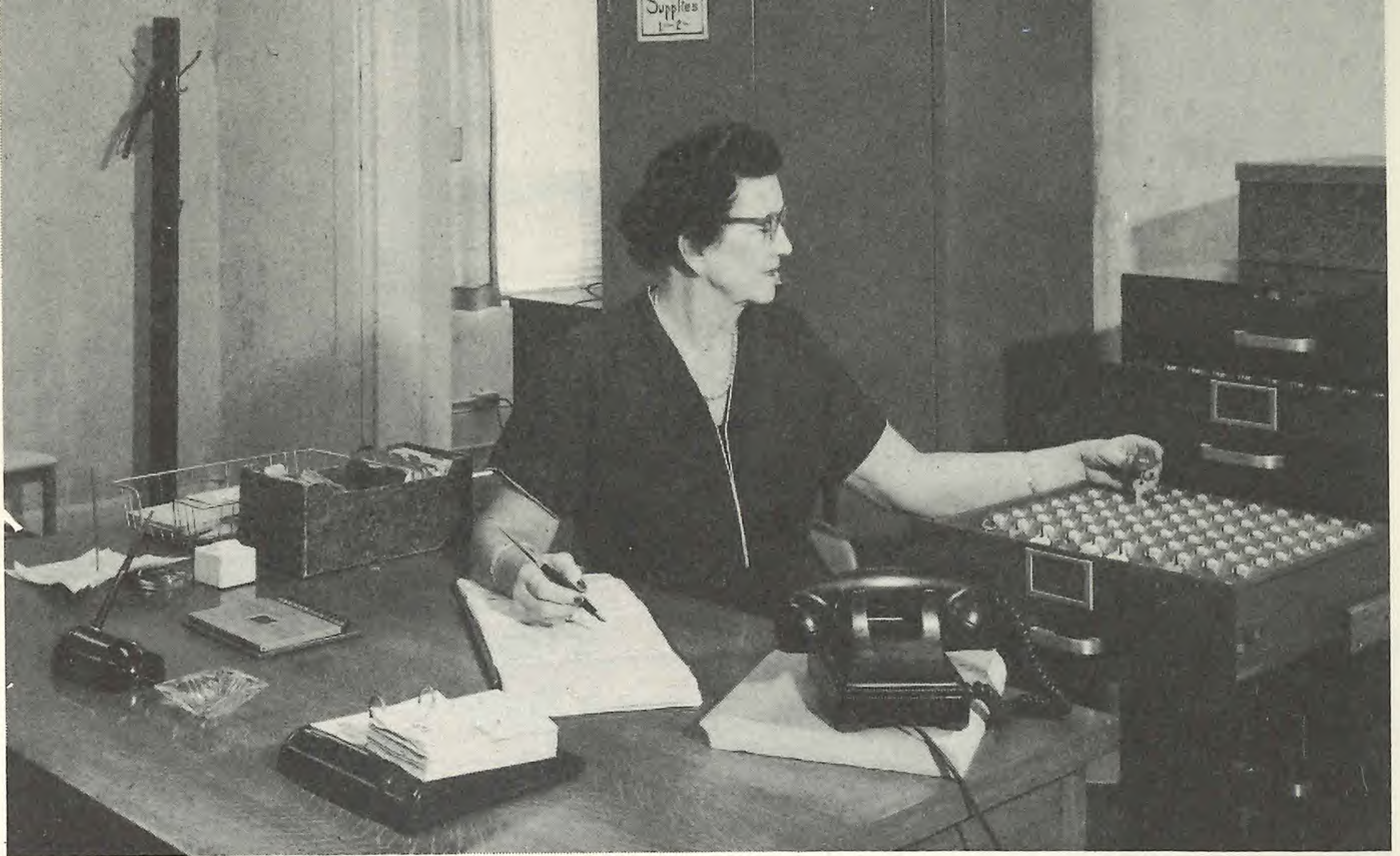


Classification of Expenditures

Code	Item	Amount
211	Postage	\$ 2,072.26
212	Telephone	8,641.96
215	Heat, Light & Water Service.....	96,247.22
220	Travel — State	1,553.26
230	Travel — Out of State	5,550.45
240	Professional Fees	9,298.24
260	Maintenance of Buildings, Grounds & Equipment.....	41,391.25
270	Care of Institutional Wards.....	16,752.39
290	Other Contractual Services.....	10,786.19
321	Food	246,269.95
380	Other Supplies & Parts.....	356,254.25
417	Other Rent	3,331.00
430	Subscriptions & Dues	624.00
440	Refunds	33.50
450	Discharge Money	96.75
490	Fixed Charges	2.50
610	Equipment	31,569.76
620	Building	41,746.97
640	Livestock	-0-
110	Salaries	1,291,452.25
Total		\$2,163,674.15

Payroll Department. Rose Cavness and Christine Griffiee. These people are responsible for the many details of the annual payroll amounting to \$1,291,452.25.





Hazel Brook, Key Control. Essential security is maintained through this Tel-Kee system controlling 776 locks.

Budget for the Year 1955-56

For the next fiscal year, beginning July 1, 1955, the Hospital's expected budget is as follows:

	Appropriation	Carried Fwd.
Salaries	1,341,538.00	
Employer's Contribution		
OASI & State Retirement.....	73,784.00	
	<hr/>	
	1,415,332.00	
Current Expenditures — Other	681,590.00	
Subscriptions and Dues	650.00	
Travel — State	3,000.00	
Travel — Out of State.....	300.00	
Fixed Charges	2,800.00	
Discharge Money	200.00	
Care of Institutional Patients — Outside Service.....	20,000.00	
Return of Patients	6,200.00	
Professional Fees	3,500.00	
Capital Outlay — Equipment	*63,124.00	
Capital Outlay — Building & Improvements.....	*35,000.00	
Capital Outlay — Livestock	*400.00	
Capital Outlay — Textbooks	*500.00	
Capital Outlay — Security Ward, Storeroom & Maintenance Building		*168.94
Capital Outlay — Construction and Equipment.....		*449,840.70
Endowment Earnings		* 3,801.02
	<hr/>	
	\$2,232,586.00	\$ 453,810.66
		2,232,586.00
Estimated Collections:		
Endowment Earnings	*\$20,000.00	\$2,686,396.66
Maintenance Collections	171,000.00	
	<hr/>	
		191,000.00
Total Budget for Year 1955-56.....		\$2,877,396.66

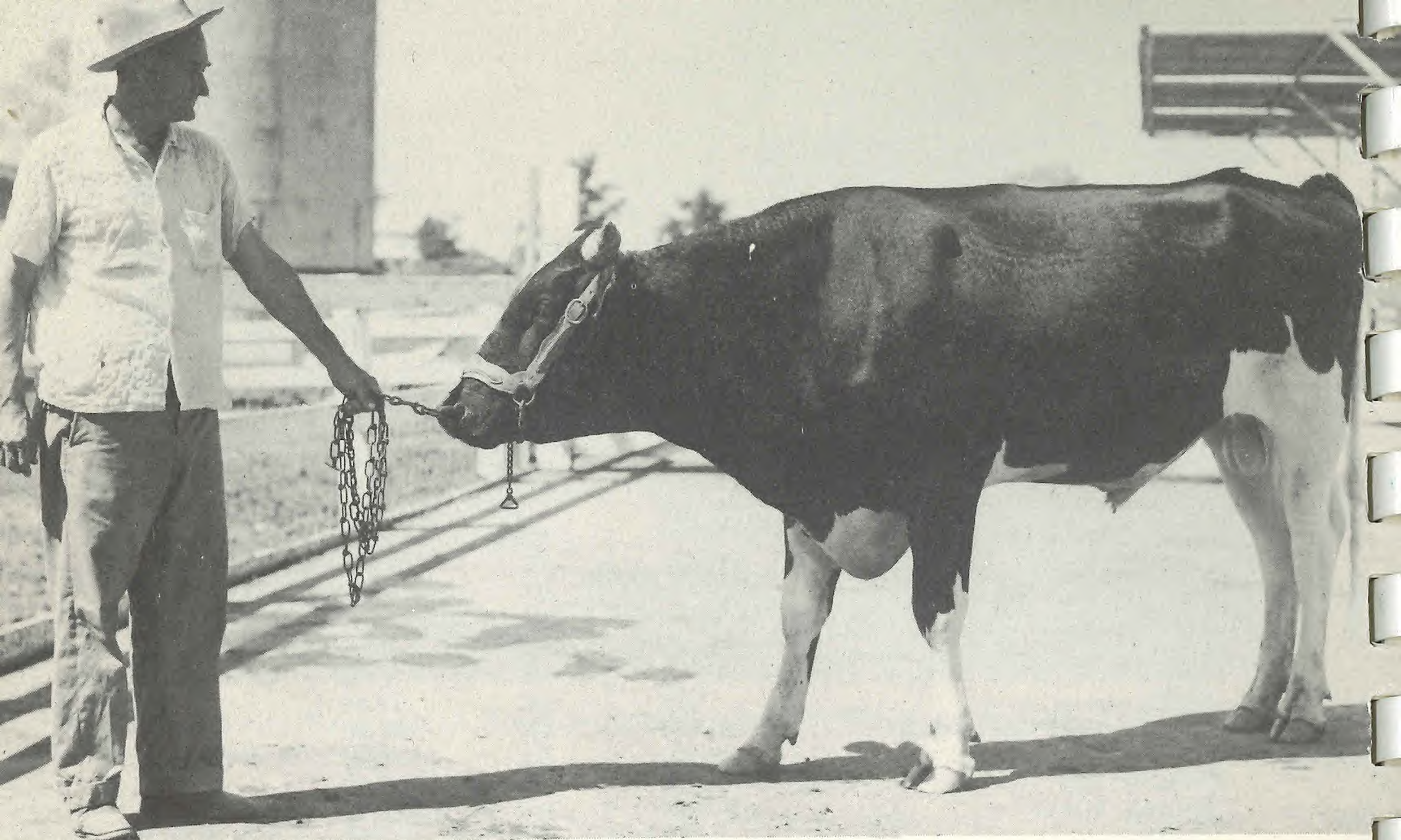
* As noted before, the items purchased with these funds will be used over a long period of years and should be charged, accordingly, to the budget for several years. Excluding these items leaves a budget for 1955-56 of \$2,304,652.00. In addition, it is probable that a portion of the maintenance collections can be reverted, which hospital management has attempted with success for the last three years, further lowering the budget.

Farm Production Report

Below are shown items delivered to the Supplies Department
and credited to the Farm

	Units Delivered	Unit Price	Total Unit Value	Total
GARDEN PRODUCE:				
Beets	26,406 pounds	.03	792.18	
Broccoli	7,220 "	.05	361.00	
Cabbage	70,247 "	.02	1,404.94	
Cantaloupe	49,498 "	.02	989.96	
Carrots	135,933 "	.03	4,077.99	
Cauliflower	7,990 "	.05	399.50	
Cucumbers	8,920 "	.04	356.80	
Endive	1,040 "	.04	41.60	
Garlic	918 "	.08	73.44	
Greens (beet and turnip)	21,240 "	.02	424.80	
Lettuce	25,470 "	.05	1,273.50	
Onions, Dry	15,630 "	.02	312.60	
Onions, Green	37,785 "	.04	1,511.40	
Parsley	428 "	.03	12.84	
Peppers (bell and chili)	3,940 "	.06	236.40	
Radishes	1,290 "	.02	25.80	
Rutabagas	16,363 "	.02	327.26	
Spinach	30,280 "	.06	1,816.80	
Squash	29,970 "	.03	899.10	
Tomatoes	243,007 "	.04	9,720.28	
Turnips	14,200 "	.02	284.00	
Watermelons	330,800 "	.01	3,308.00	
	1,078,575 lbs.			
Green Corn	1,021 doz.	.25	255.25	
				\$ 28,905.44
EGGS	19,550½ doz.	.50		9,775.26
MILK	138,782 gal.	.70		97,147.40
POULTRY:				
Fryers	4,000 lbs.	.45	1,800.00	
Hens	6,865 lbs.	.40	2,746.00	
Turkeys	25,783 lbs.	.45	11,602.35	
				16,148.35
MEAT:				
Beef	10,266 lbs.	.30	3,079.80	
Pork	76,923 lbs.	.25	19,230.75	
				22,310.55
Total Value of Farm Production				174,287.00
Operating Expenses			97,745.63	
Farm Salaries			30,508.77	
Total Production Cost				128,254.40
Profit Balance				\$ 46,032.60

The farm is an important part of the Hospital's economic picture, producing 38% of the food consumed (purchased, produced and donated). This operation was carried on at the profit shown above. Its most important contribution, however, is the industrial therapy offered to 180 improving patients.



Richard A. Henderson, Dairy Supervisor, training U of A Rose Piebe, youngest of the hospital's registered Holstein sires.

Livestock Report

Contributing to the foregoing farm production report are the several livestock projects. Here are reproduced only the statistics showing consumption during the year and livestock on hand at the close of the year. Aided by the University of Arizona and the Maricopa County Agriculture Agent, the Hospital farm maintains a breeding and culling program to increase the quality and productivity of its herds and flocks.

	No. Butchered	No. on Hand June 30, 1955
Cows	20	119
Calves and Heifers	44	164
Bulls		3
Hogs	316	637
Chickens	2,567	3,758
Turkeys	1,450	1,299

Canning Report



A portion of the milk processing plant showing the pasteurizer and the homogenizer.

Item	No. 10 Cans
Apples	2,201
Apple Sauce	115
Bread and Butter Pickles	117
Carrots	6,208
Cucumber Relish	584
Pepper Relish	254
Sauer Kraut	3,133
Spinach	1,257
Tomatoes, Solid Pack	2,693
Tomato Relish	324
Tomato Sauce	1,923
Total	18,809

The Hospital cannery is in need of physical revision and replacement of some of its processing equipment. Produce from the farm which cannot be consumed is canned for later use. Occasionally additional excess production is given or traded to other state institutions. A greater canning capacity would allow for greater farm production, reducing the canned goods purchases.

Arizona State Hospital canning facility processes all farm produce which cannot be readily consumed, placing the produce in the hospital diet during off seasons. This department has been maintained in a functional condition, but, as this picture indicates is in need of a complete revision.



Surplus Foods Received Through School Lunch Program—Fiscal Year 1954-55

Item	Unit
Butter	9,568 lbs.
Cheese	25,610 lbs.
Cranberry Sauce	276 gal.
Dried Milk	9,825 lbs.
Lima Beans	1,800 lbs.
Frozen Beef	120 lbs.
Pinto Beans	8,000 lbs.
Salad Oil	672 gal.
Shortening	1,368 lbs.
Total Handling Cost	\$ 539.70
Wholesale Value	\$37,898.46

While hospital management is appreciative of donations from Federal surplus, it should be noted that this is a reduction of 40% from contributions of the previous year. An institution that consumes nearly a half-million dollars worth of food each year must possess an adequate food budget and farming facilities; it must never be forced to *depend* on contributions.

Non Resident Patients Deported

Every citizen of the United States has the privilege to establish his residence where he chooses.

When his mental or physical health fails and he is no longer able to fend for himself, the community and State in which he has residence make it possible for him to take advantage of such hospital care as he may need.

Once an individual has established his residence in a particular State and becomes mentally ill while visiting or passing through Arizona, he is usually admitted to this Hospital for treatment, and his residence is verified. In case his residence is established in another state and permission has been received to return him there for further care, this Hospital completes all the necessary arrangements for his transfer.

Arkansas	3	North Carolina	1
California	22	Ohio	1
Idaho	1	Oklahoma	1
Illinois	1	Oregon	1
Indiana	2	Pennsylvania	1
Iowa	1	South Carolina	1
Kansas	1	Texas	2
Louisiana	1	Utah	1
Maryland	1	Washington	1
Michigan	2	Washington, D. C.	3
New Jersey	1		—
New York	1	Total	50

During the year our average annual cost per patient was \$1,226.40. These 50 patients, returned to the state of their citizenship at a small cost, would have required an expenditure of \$61,320.00 for each year they remained at Arizona State Hospital, had they not been deported.

Maintenance Collections

1949-50	93,612.11
1950-51	108,303.07
1951-52	110,743.30
1952-53	132,918.47
1953-54	194,629.46
1954-55	204,855.86

In the year just concluded the hospital collection office sought and found new sources of income, more than doubling the income of recent years and reducing a portion of the load from the taxpayers.

Al Greff, Assistant Business Manager, and his assistant, Virginia Perhacs. This team is responsible for the collection of maintenance from those patients who can pay for their hospital care. Collections during the past fiscal year amounted to \$204,855.85.



Cost of Patient Maintenance

In accounting for hospital costs, as in figuring "unit" costs in industry, it is most meaningful to regard the patient as the unit. Hence the cost-per-patient-day is the basis on which one hospital may be compared with another.

Average Daily Patient Load.....	1,701
Cost Per Patient Day.....	\$3.36

This figure includes all current expenditures and salaries. Cost for the fiscal year 1954-55 was higher than the previous year, virtually all of which was the result of added personnel. It is important to note that while the number of commitments remained high, the patient load did not increase; whereas, the average annual increase for the last ten years has been sixty-nine patients. This accomplishment is the direct result of an increase in nursing and therapeutic personnel, more than justifying the increased expenditure.

State	Comparative Study of Annual Per Capita Cost of Caring for Mentally Ill	Number of Patients Cared for per 1,000 Population (daily average)
New York	6.63	5.9
Massachusetts	6.25	5.0
New Hampshire	5.83	5.0
Connecticut	4.88	4.2
Delaware	4.24	4.1
Illinois	4.12	4.2
Wisconsin	4.00	4.2
Minnesota	3.78	3.7
Colorado	3.74	3.8
New Jersey	3.72	3.9
Nebraska	3.63	3.4
Michigan	3.58	3.1
Arizona	3.36	3.4
Maryland	3.35	3.4
California	3.18	3.1
Pennsylvania	3.16	3.6
Rhode Island	3.09	4.3
Vermont	3.03	3.4
Kansas	2.89	2.5
Montana	2.85	3.3
Maine	2.62	3.2
Ohio	2.48	3.2

Inventory of Supplies In Storeroom

At Conclusion of Fiscal Year

Clothing	\$46,158.40
Food	29,281.85
Supplies	15,296.04
<hr/>	
Total	\$90,736.29

This is a representative inventory for our Supplies Department at any given period; approximately three weeks' food supply, about eleven weeks' requirement for house-keeping and office supplies, and about nine or ten weeks' supply of clothing.



Elva Schoenheit and Thelma Lutz maintaining the hospital's perpetual inventory in the Supplies Division.

Mattress Factory Production

MATTRESSES MANUFACTURED:

Cotton Roll Edge	200
Indestructible	509
Plastic Covered	443
Pads	33
Rubberized Curled Hair	28
<hr/>	
Total	1,213

Beds Repaired	74
Pillows Manufactured	51
Box Springs (Inner)	18
Examining Table Pad	1
Foot Stools	2
Bolsters	4
Dishwashing Machine Aprons	4
Baseball Bases	6

The hospital mattress factory is one of the industrial therapy units, which serves to train qualified patients in a useful trade. Several mattress models of superior construction are manufactured at a substantial savings, supplying all of the hospital's mattress needs.

Sewing Room Production

Item	No.
Aprons	1,135
Bags, Clothing	1,359
Bags, Coffee	120
Bags, Laundry	1,037
Bed Pan Covers	50
Curtains (pr.)	36
Cushion Covers	44
Diapers	302
Draperies	46
Dresser Scarves	120
Dresses, Better	1,164
Dresses, Heavy	1,460
Drop Cloths	12
Glove Wrappers	141
Gowns	1,775
Gowns, Surgery	12
Gowns, Tieback	1,422
Instrument Holders	4
Ironing Board Covers	12
Handkerchiefs	272
Knee Pads	6
Knee Rests	5
Masks	156
Panties	2,181
Pastry Cloths	4
Pillow Slips	2,414
Pillow Ticks	48
Restraint Aprons	262
Restraint Bands	45
Rubber Aprons	50
Rubber Pillow Ticks	8
Rubber Sheets	296
Sanitary Pads	847
Sheets	3,420
Shrouds	9
Slips	2,331
Table Cloths	48
Towels, Bath	5,338
Towels, Hand	2,369
Towels, Tea	1,693
Tub Covers	2
Turkey Saddles	96
Uniforms	4

Total Articles Manufactured 32,155

The sewing room is another of the hospital service departments with a threefold purpose: industrial therapy as a useful portion of the patient treatment program, economical production of clothing and numerous cloth products, and practical training for patients in home economics and essentials of the garment trade.



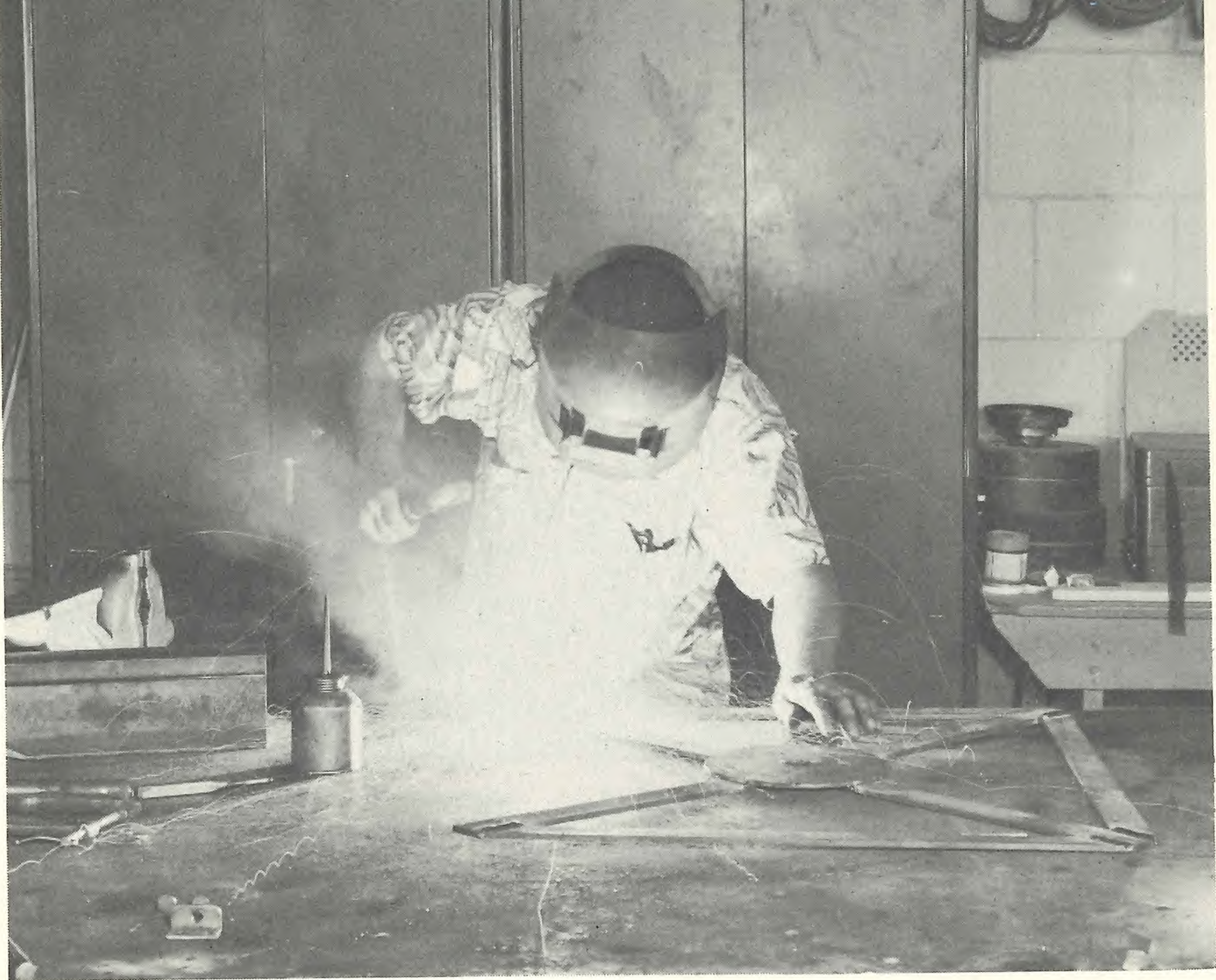
In accordance with the recommendations of the American Psychiatric Association, the State Hospital has provided modern beauty treatment facilities, which aid in improving the morale of the female patients.

Beauty Shop Report

Shampoos	4,351
Permanents	348
Finger Waves	4,162
Manicures	344
Rinses	4,096
Braids	216
Hair Cuts	1,828
Oil Treatments	25
Brow Arches	14
Hair Dressings	4,163
No. of Patients Accommodated	5,020



Arizona State Hospital has provided barber shop facilities that meet the requirements of the American Psychiatric Association.



The hospital's preventive maintenance program requires the use of a number of modern shop facilities, such as the welding demonstrated above.

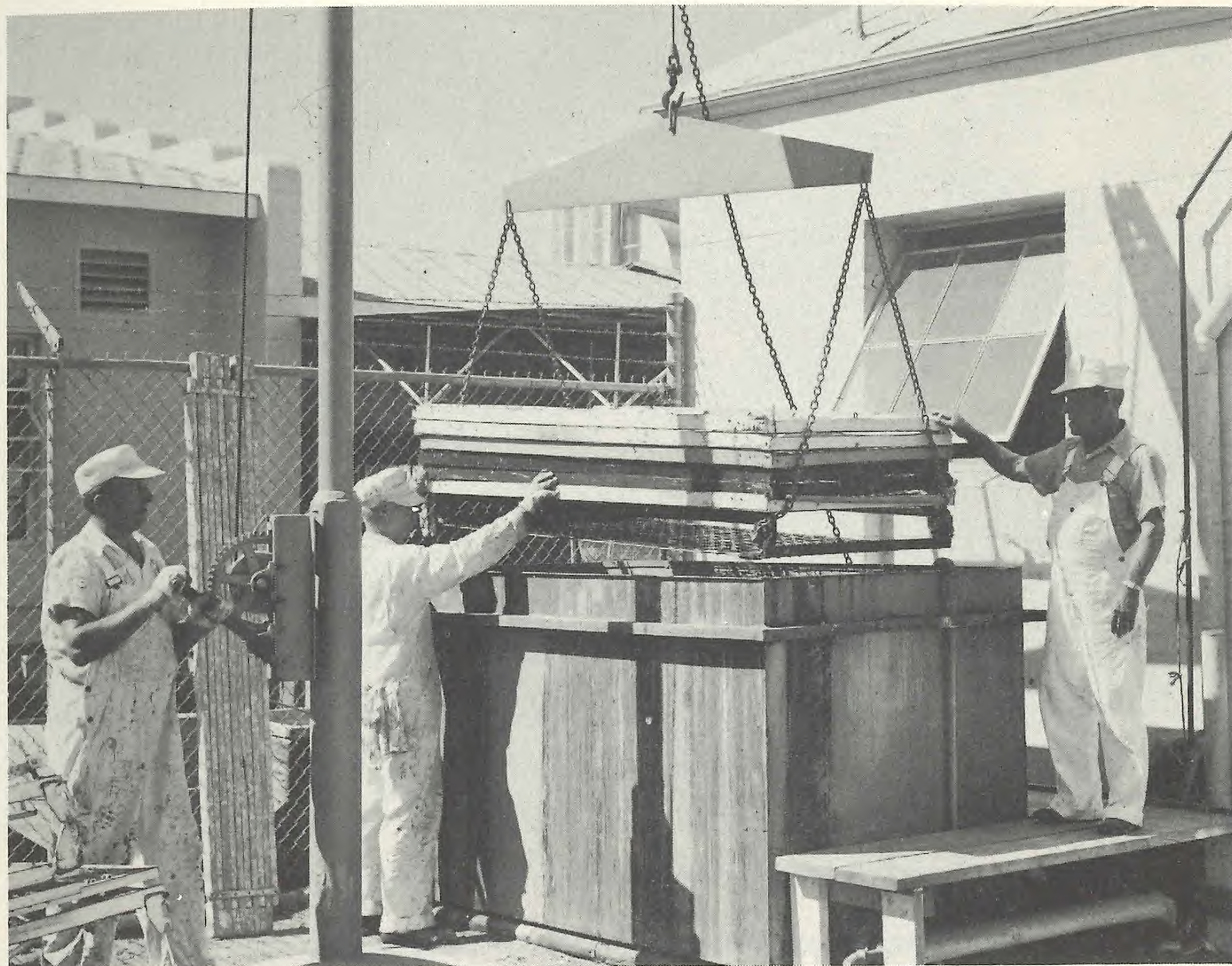
Engineering Services

The hospital's many buildings and vehicles and vast amounts of movable equipment require the attention of a team of skilled personnel. During the year, major building projects called for the attention of plumbers, steamfitters, electricians, carpenters, painters and others. There were 286 major engineering projects completed.

This department also handles calls for emergency repairs and services. During the year just concluded, the emergencies totaled 9,855. During the fiscal year immediately prior there were 10,731 emergencies. This reduction is the direct result of the new "preventive maintenance" program which prevents many emergencies.

The hospital's garage keeps its 43 vehicles in constant repair for hospital use.





During the year the hospital built and put into use a caustic tank, employed in the repair and re-painting of hospital beds. This installation reduced the "stripping" time for each bed from eight hours of manual labor to a matter of fifteen minutes.



W. E. Mitchell, Landscape Gardener, instructing landscaping employee in the care of a portion of the hospital's 150 landscaped acres.

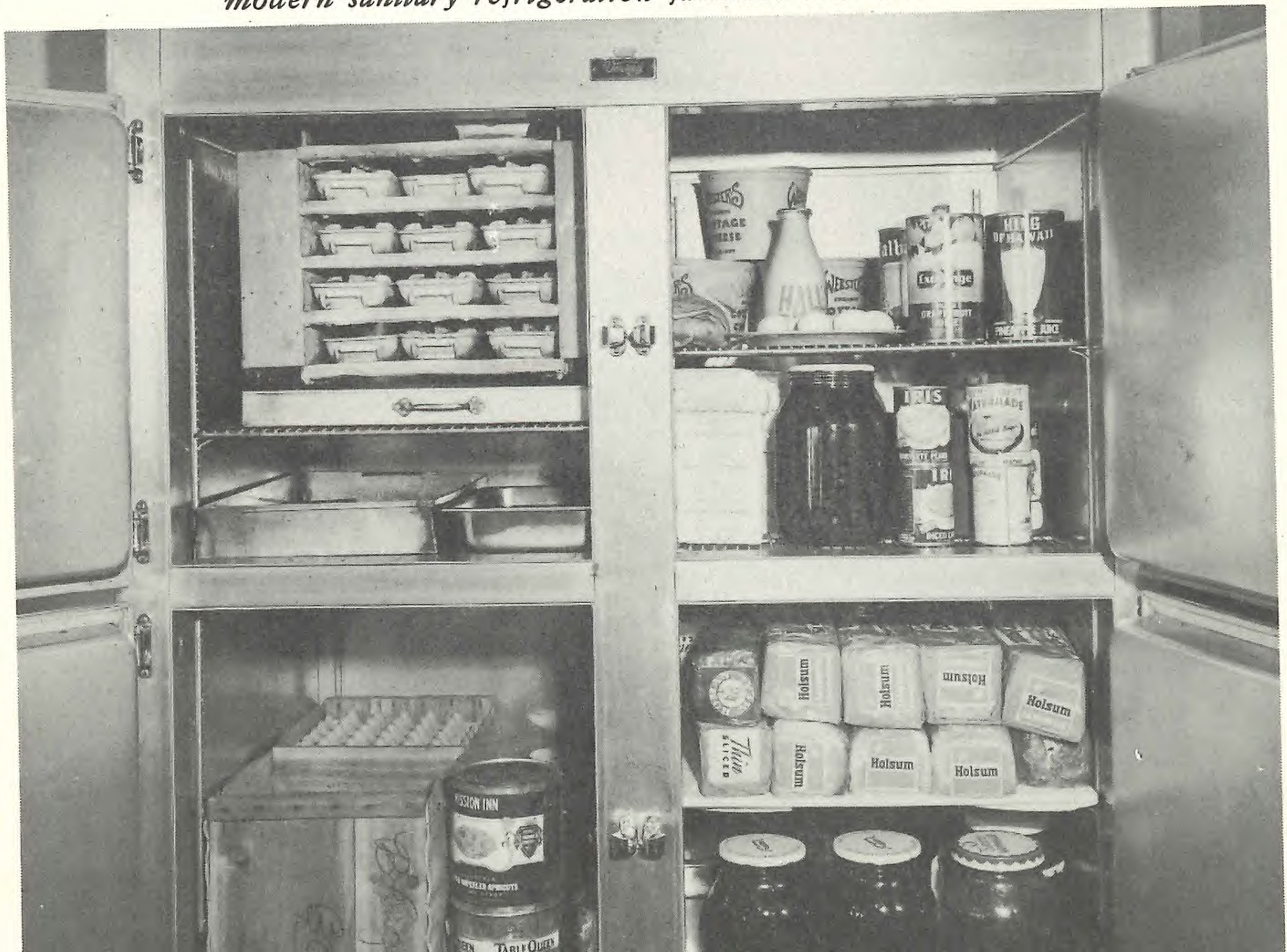


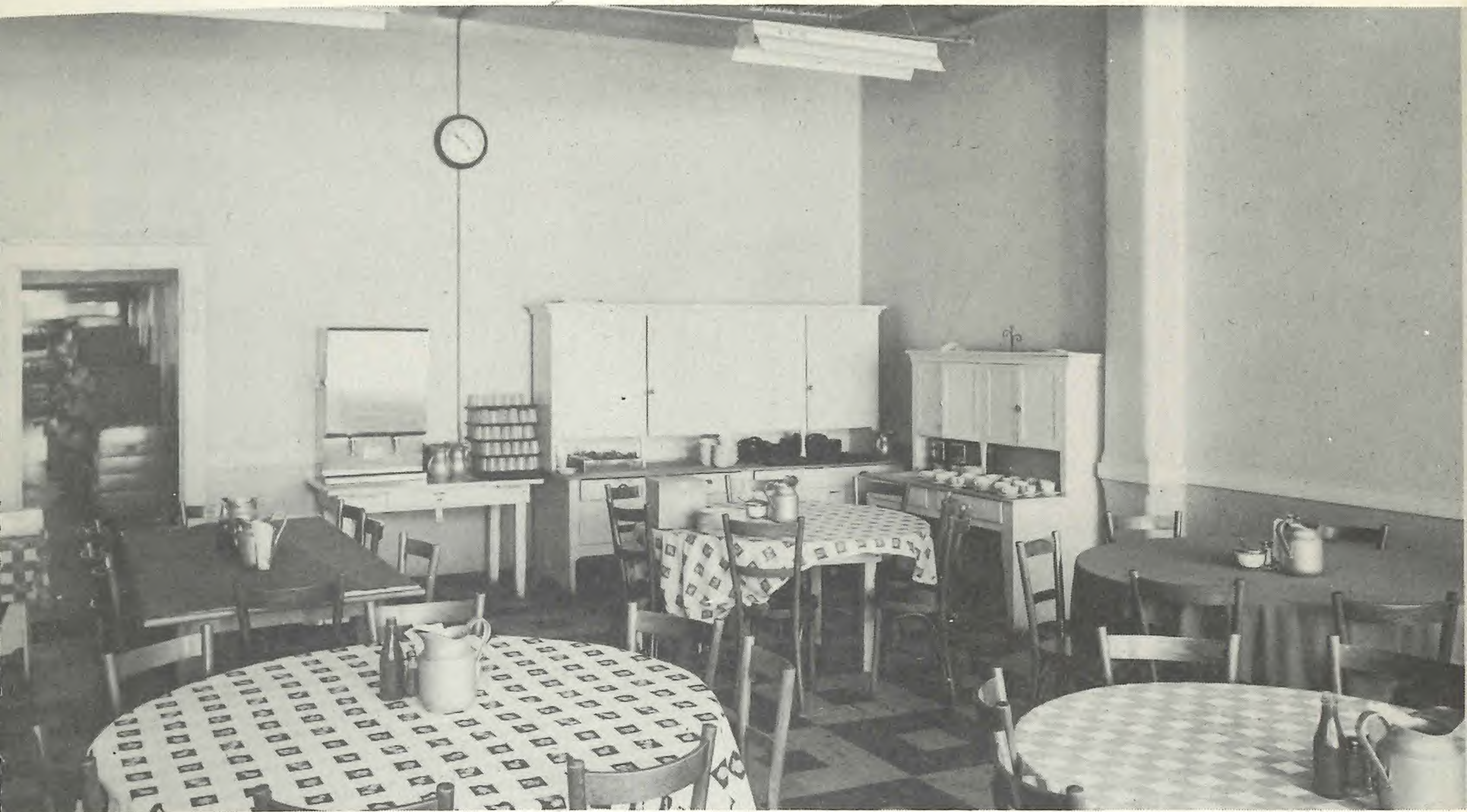
Until recently many wards and diet kitchens refrigerated foods in old-fashioned ice chests such as this.

“Before & After”

Shown here are building conditions which the hospital has corrected during the year through its Engineering Services Department and through contracts for building remodeling.

Diet kitchens and food pantries are now equipped with modern sanitary refrigeration facilities like this.

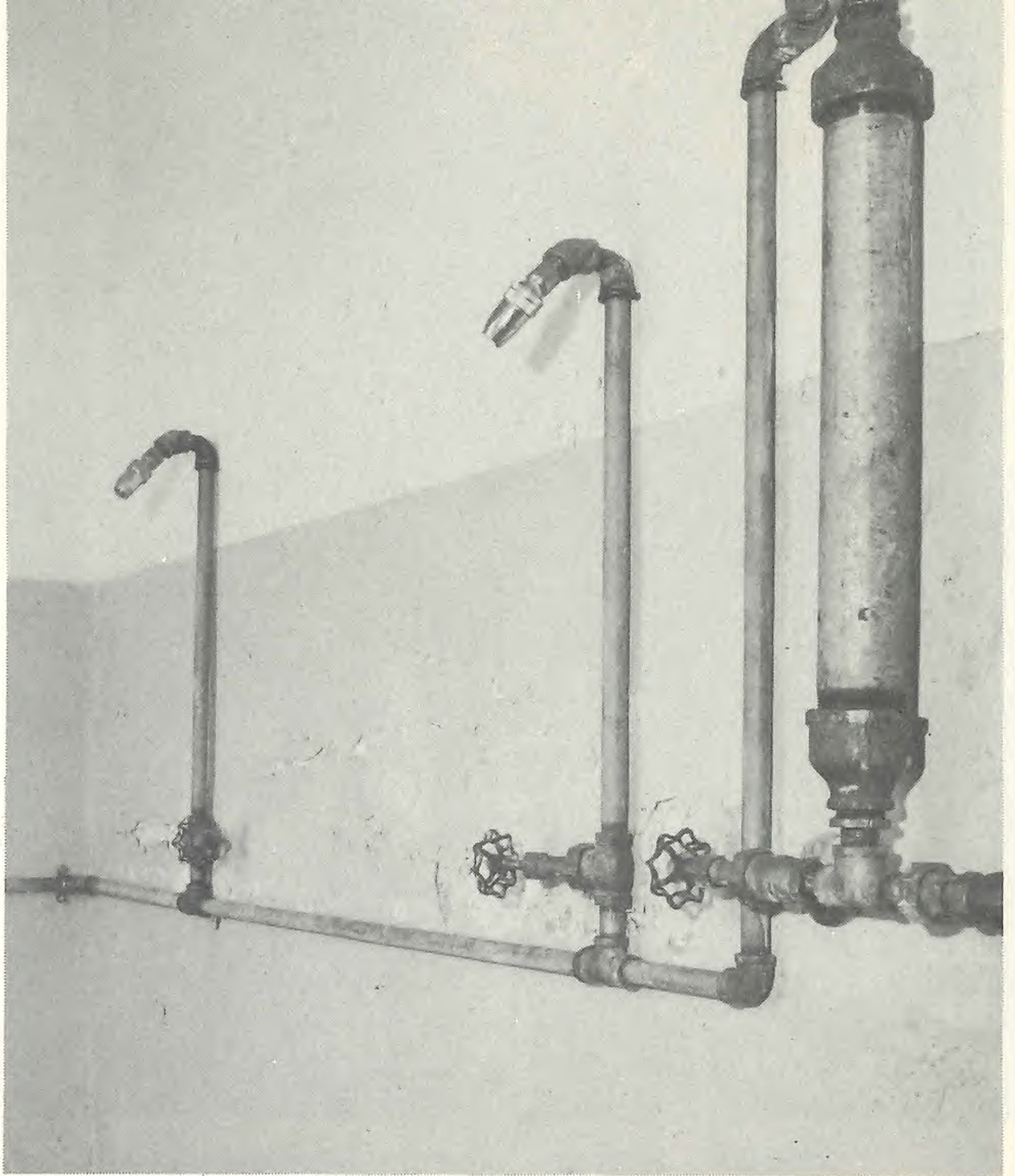




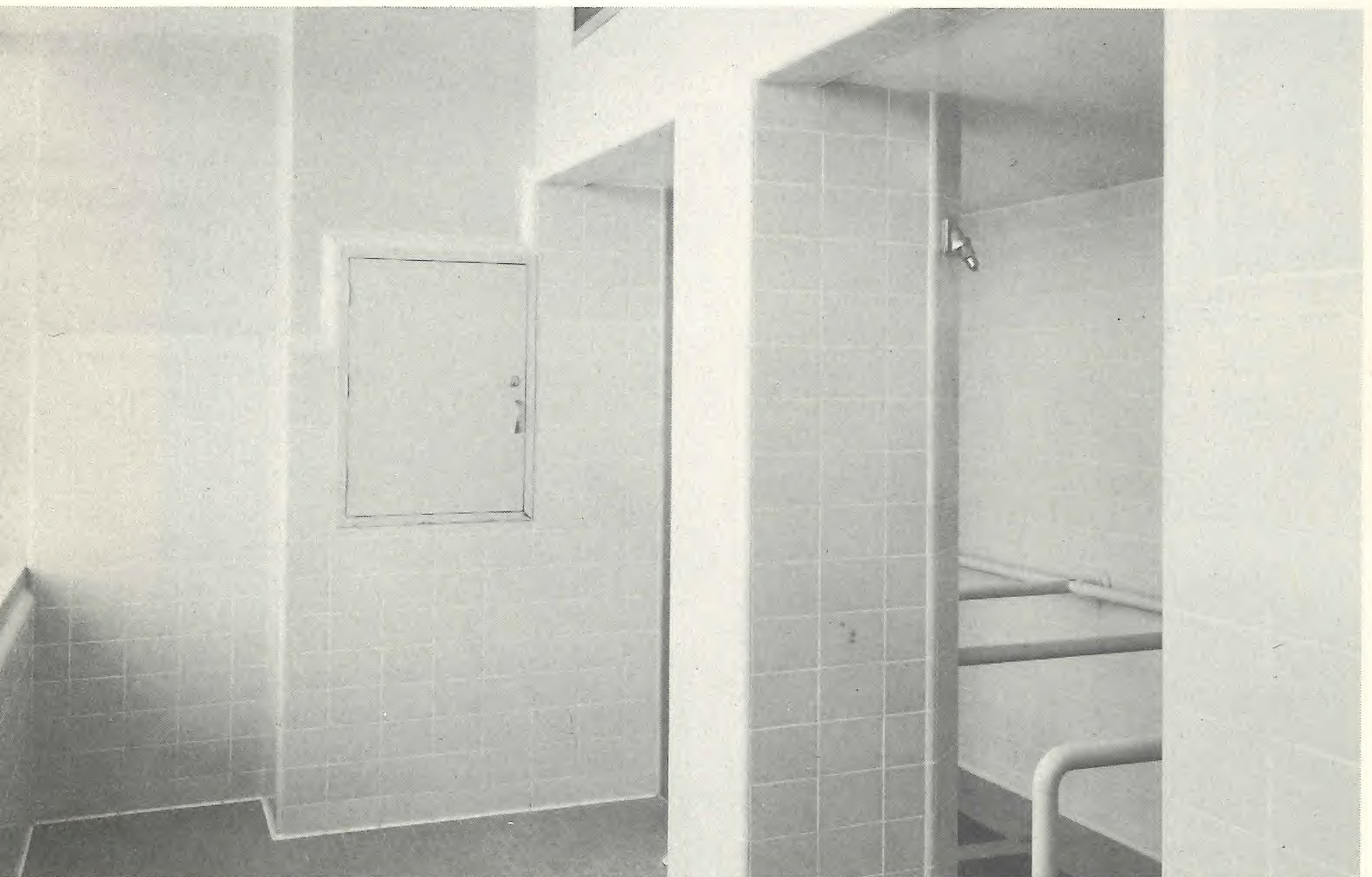
Employees' dining area, showing crowded unsatisfactory conditions.

Employees' dining area, enlarged and modified.

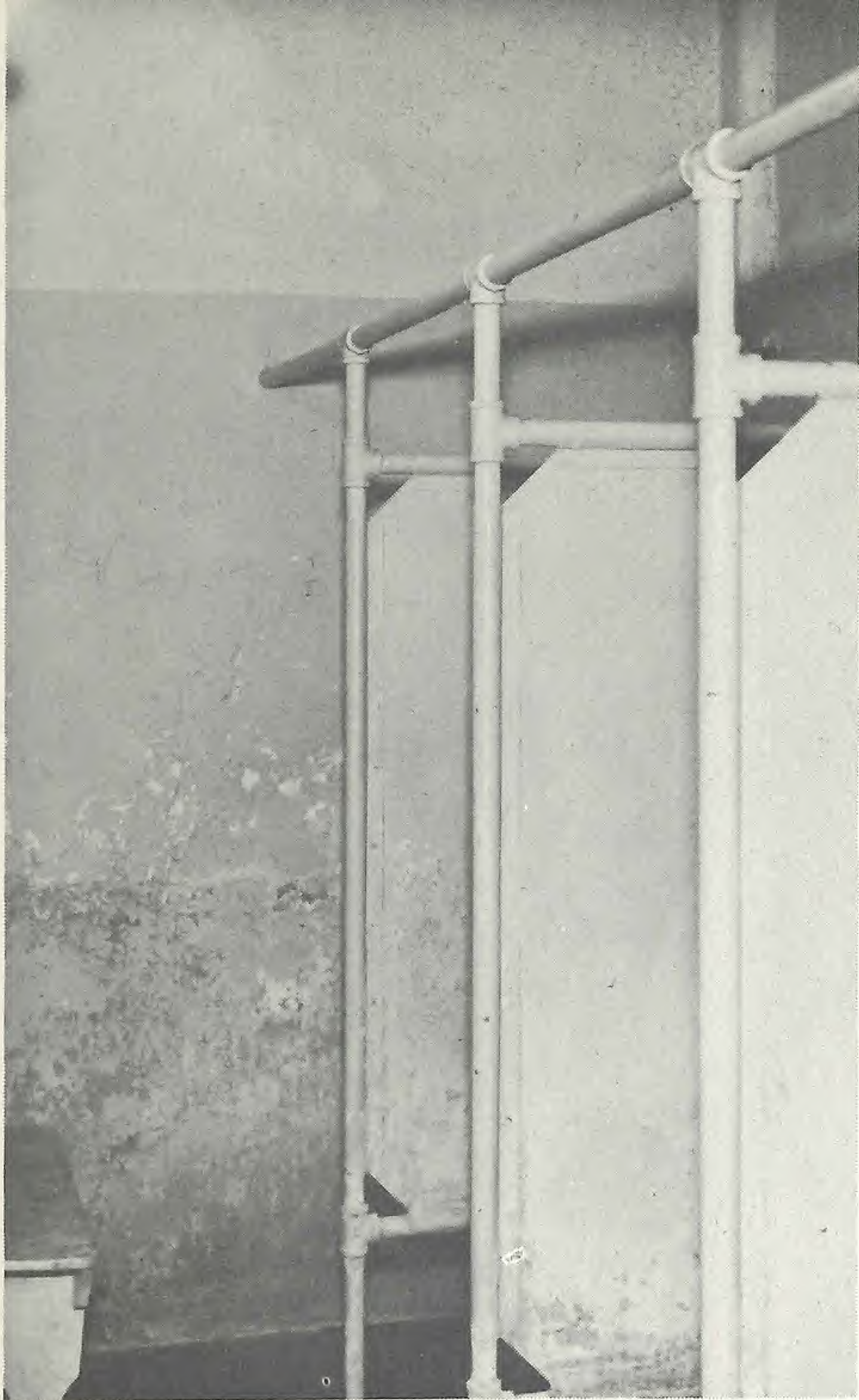




Old, unsatisfactory patient bathing facilities.



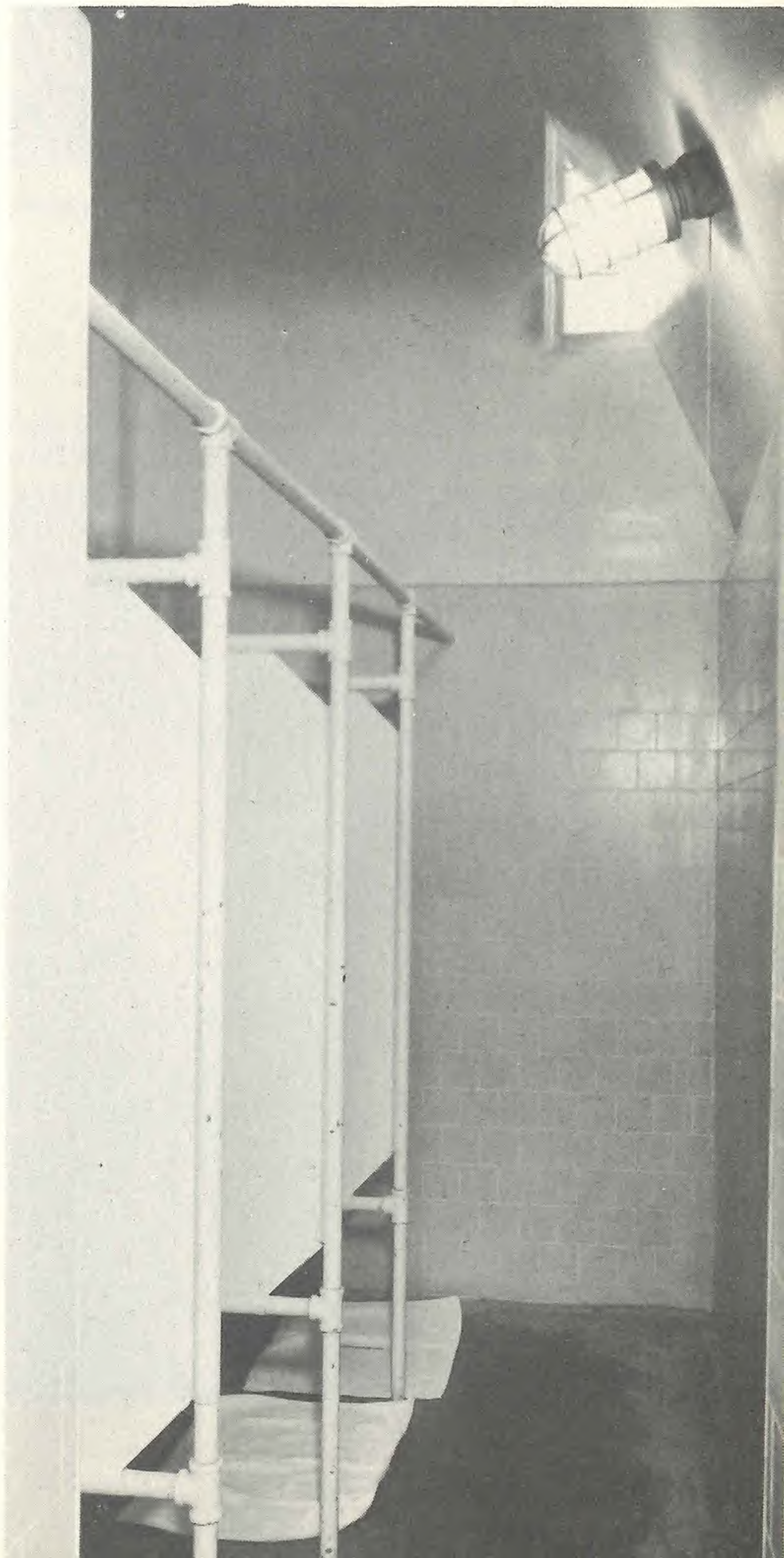
Modernized patient bathing facilities.



Bathing facilities in former patient wards at the beginning of the year.



The same bathing facility showing improvement during the year.

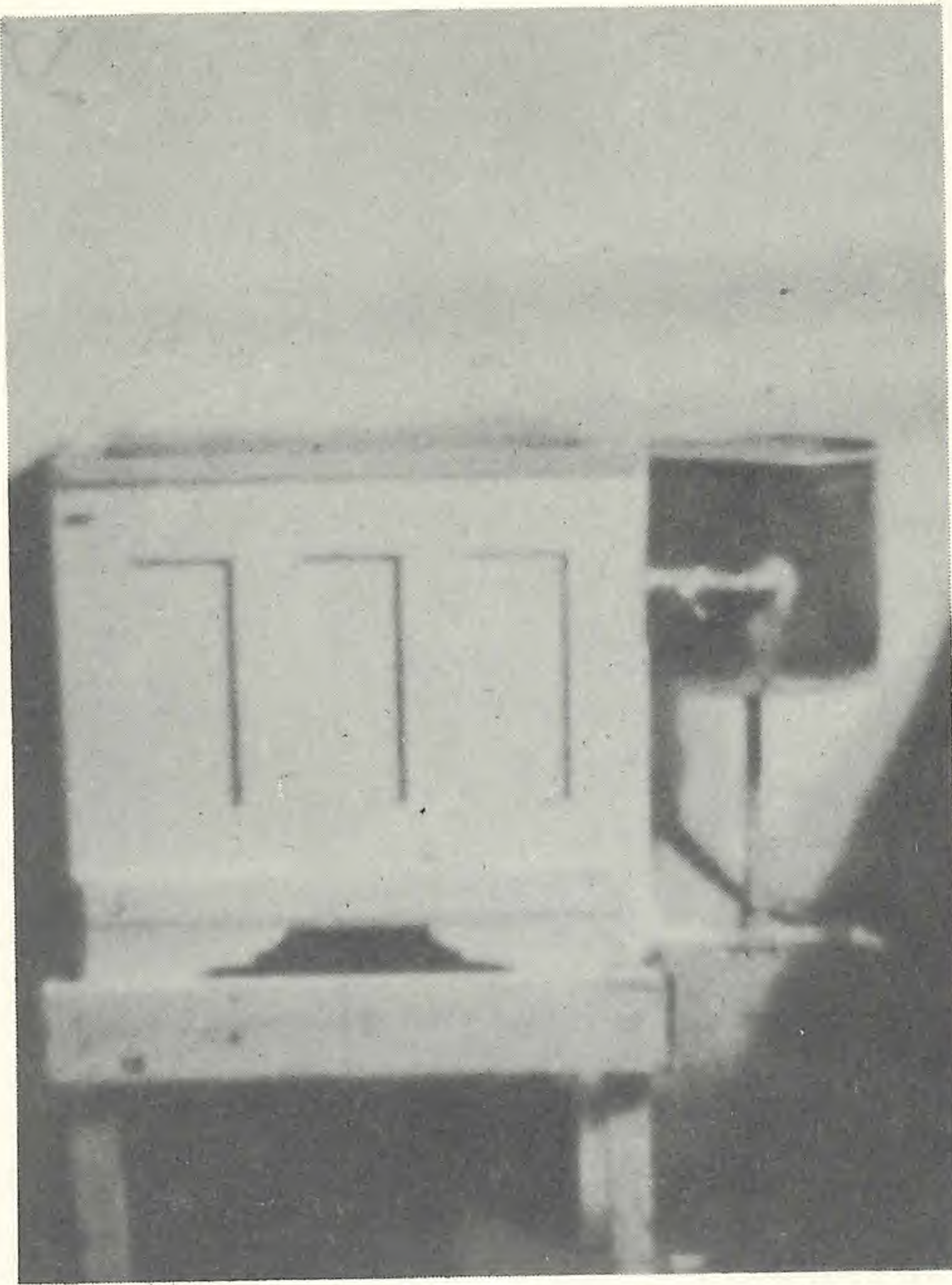




Patient dayroom facilities have had this typical, uninspiring appearance until recently.

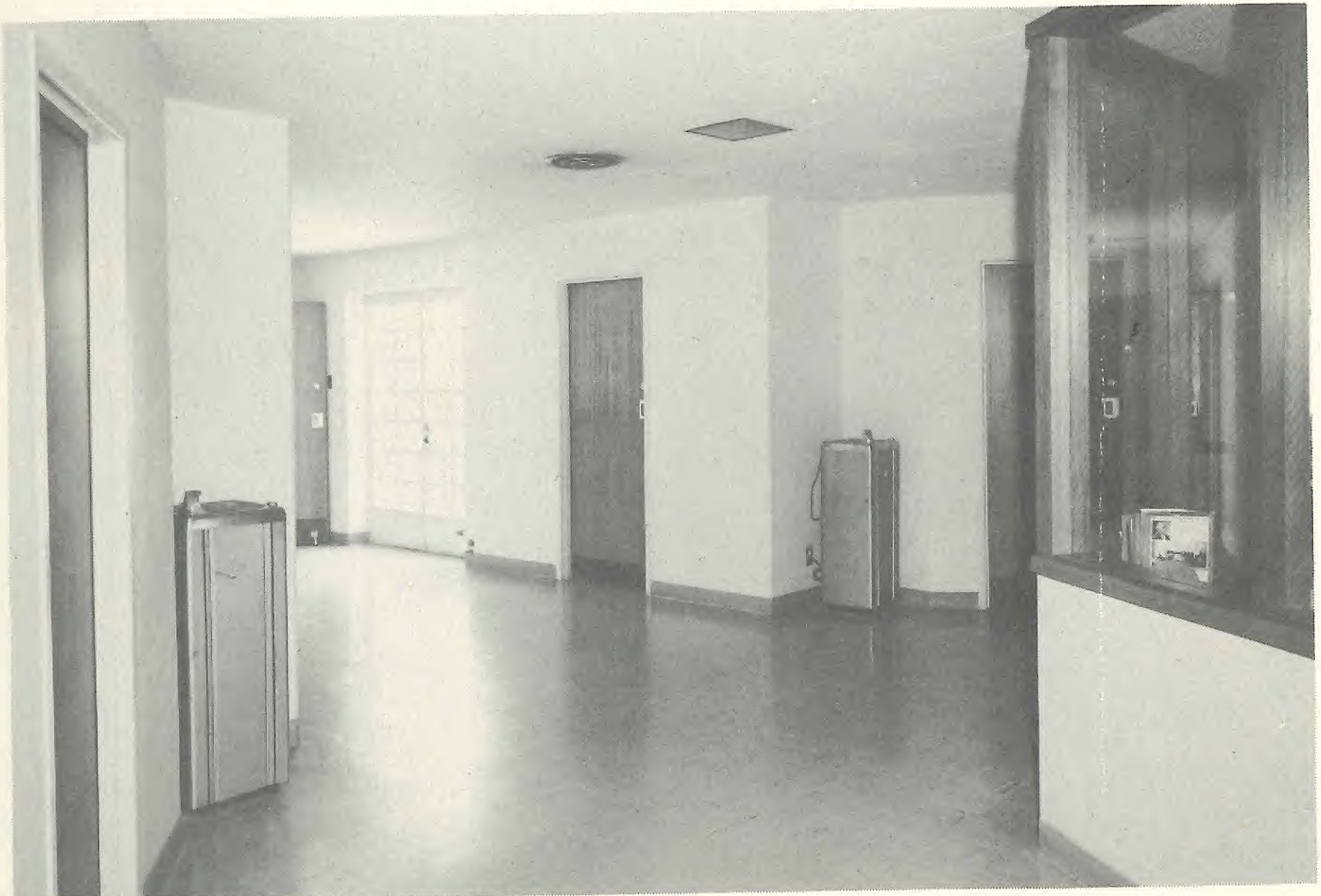
Revised dayroom and recreation facilities such as this are the present standard, offering a pleasant atmosphere which is conducive to patient recovery.





Previous standard water cooling facilities.

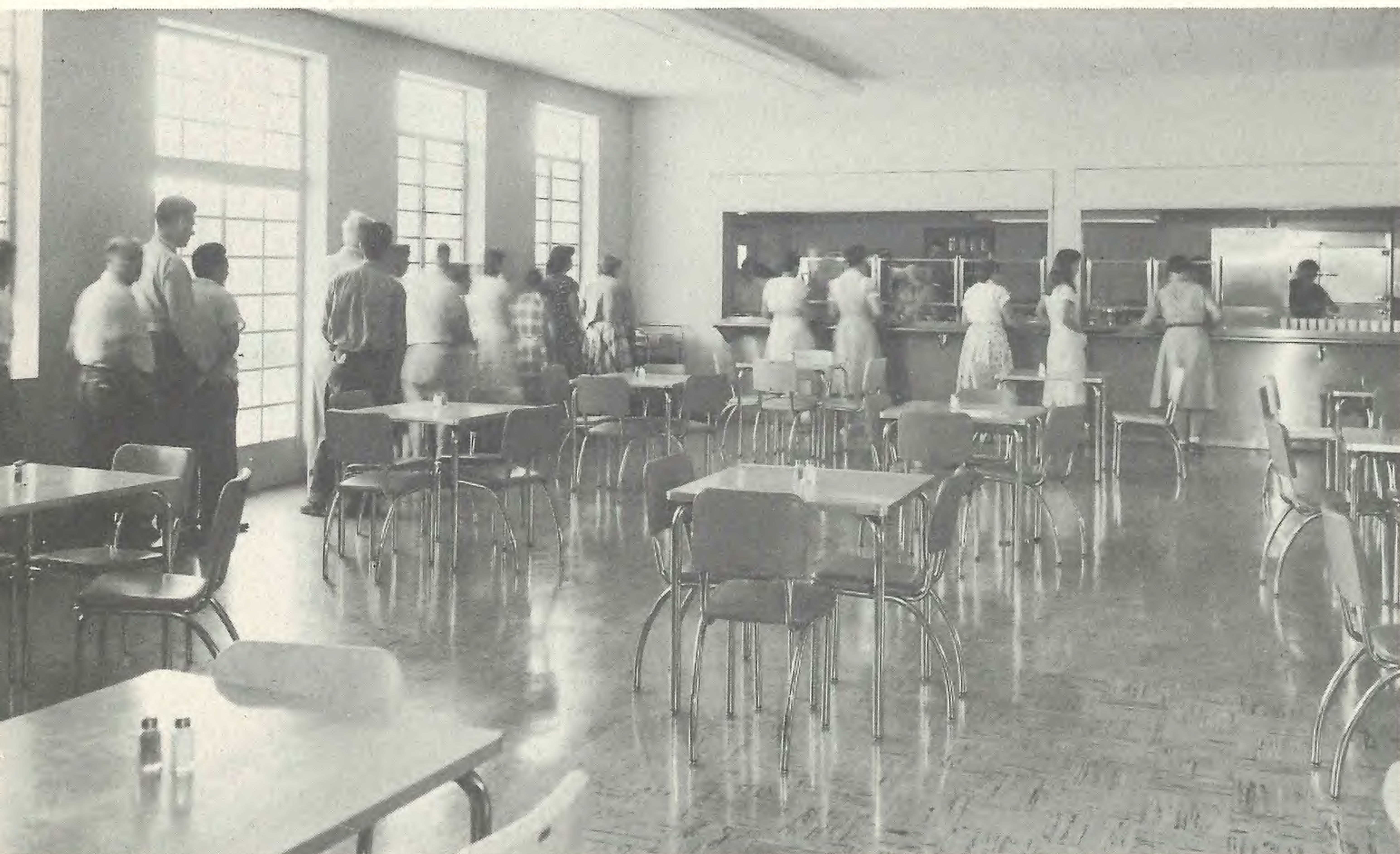
Today's water cooling facility.





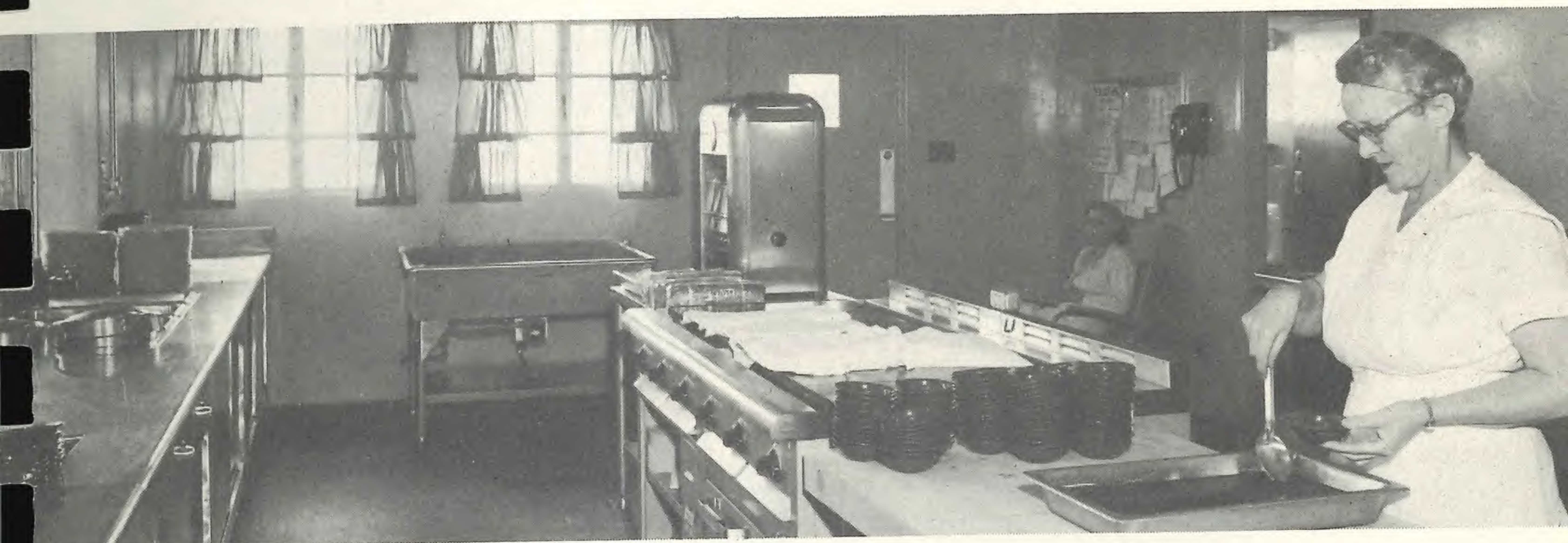
Until recently food was served in the unappetizing "family" style indicated in this hospital picture.

Modern, gleaming diet kitchens assure patients of wholesome appetizing foods. Food presented to patients in this fashion stimulates appetites and aids in the patient recovery program.





Yesterday's dining room scene.



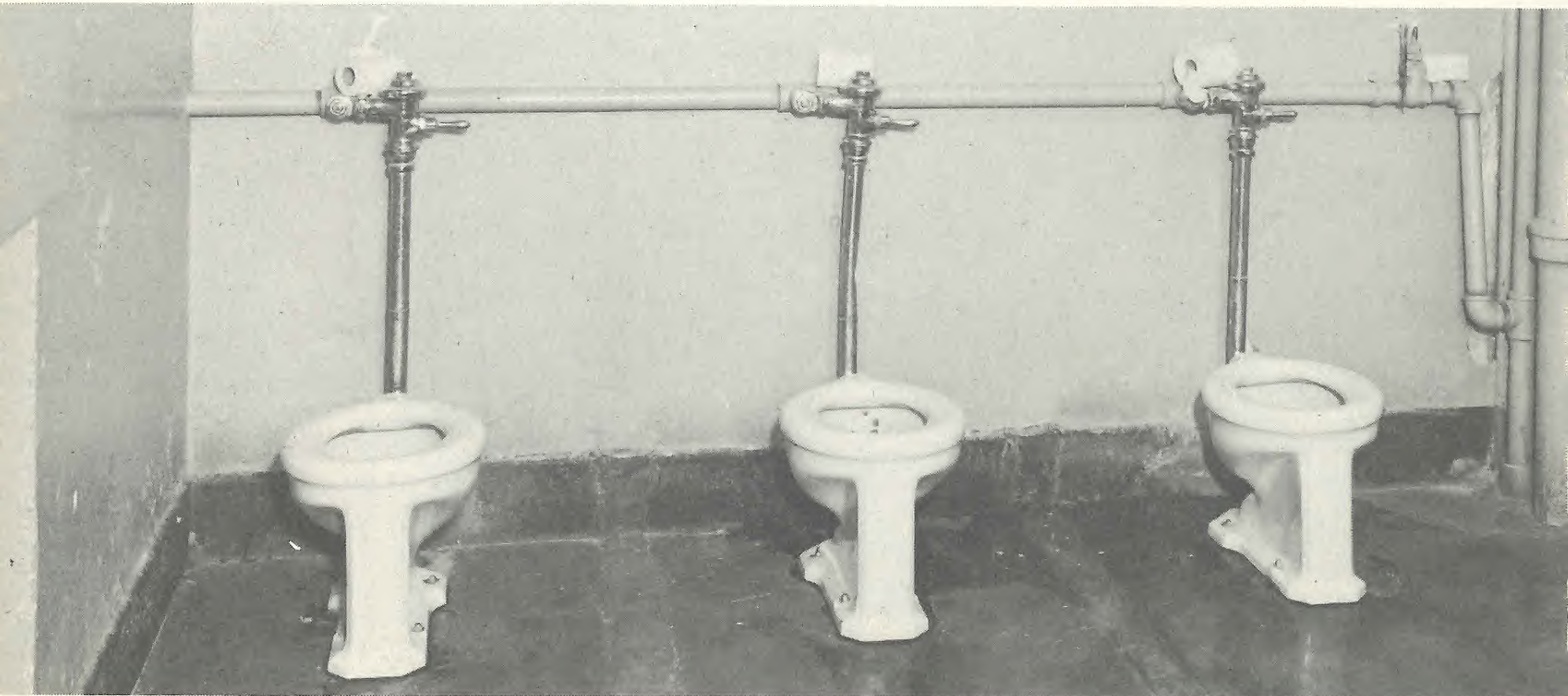
The dining room of today.



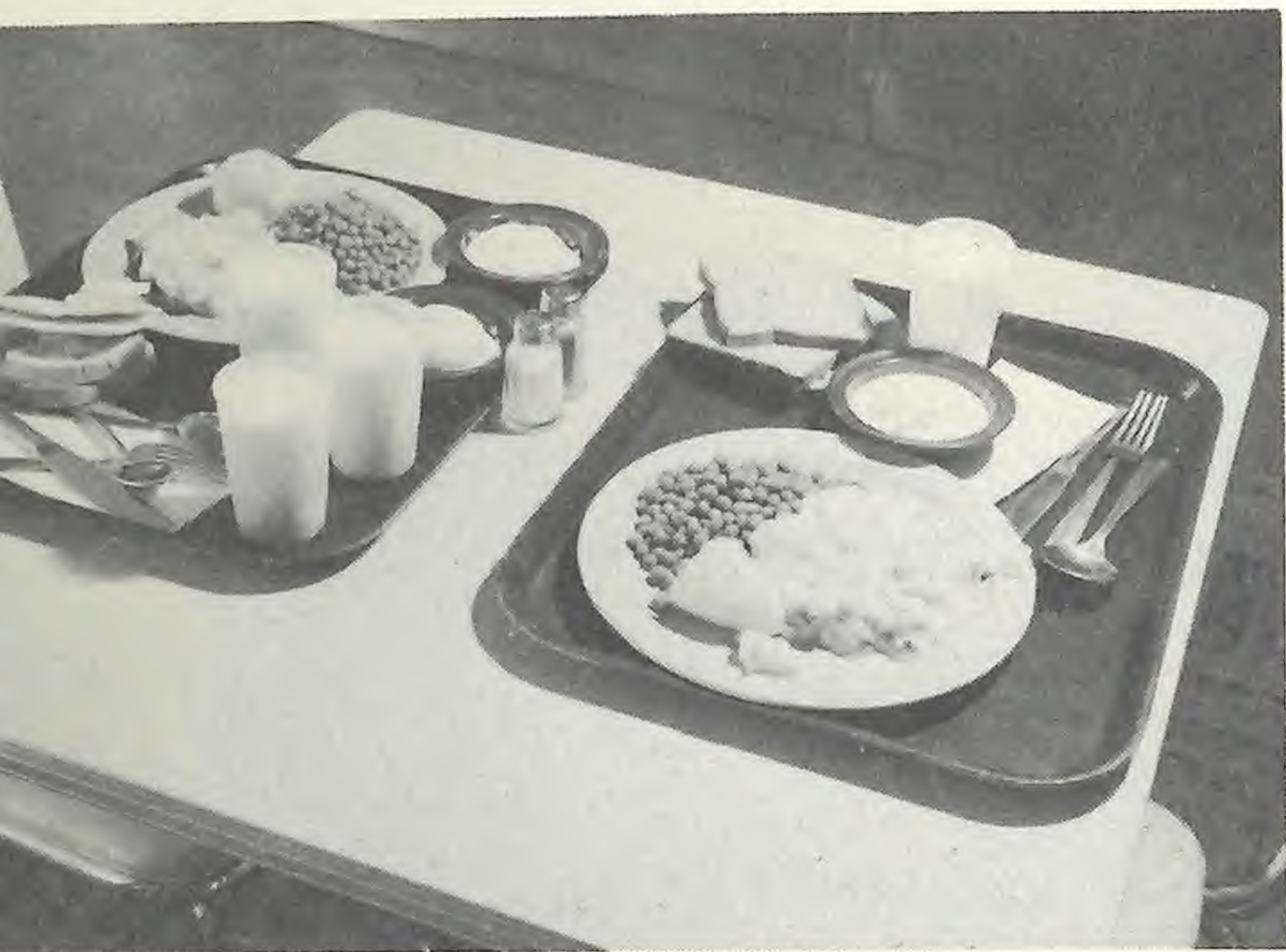


Yesterday's toilet facilities in one male ward building.

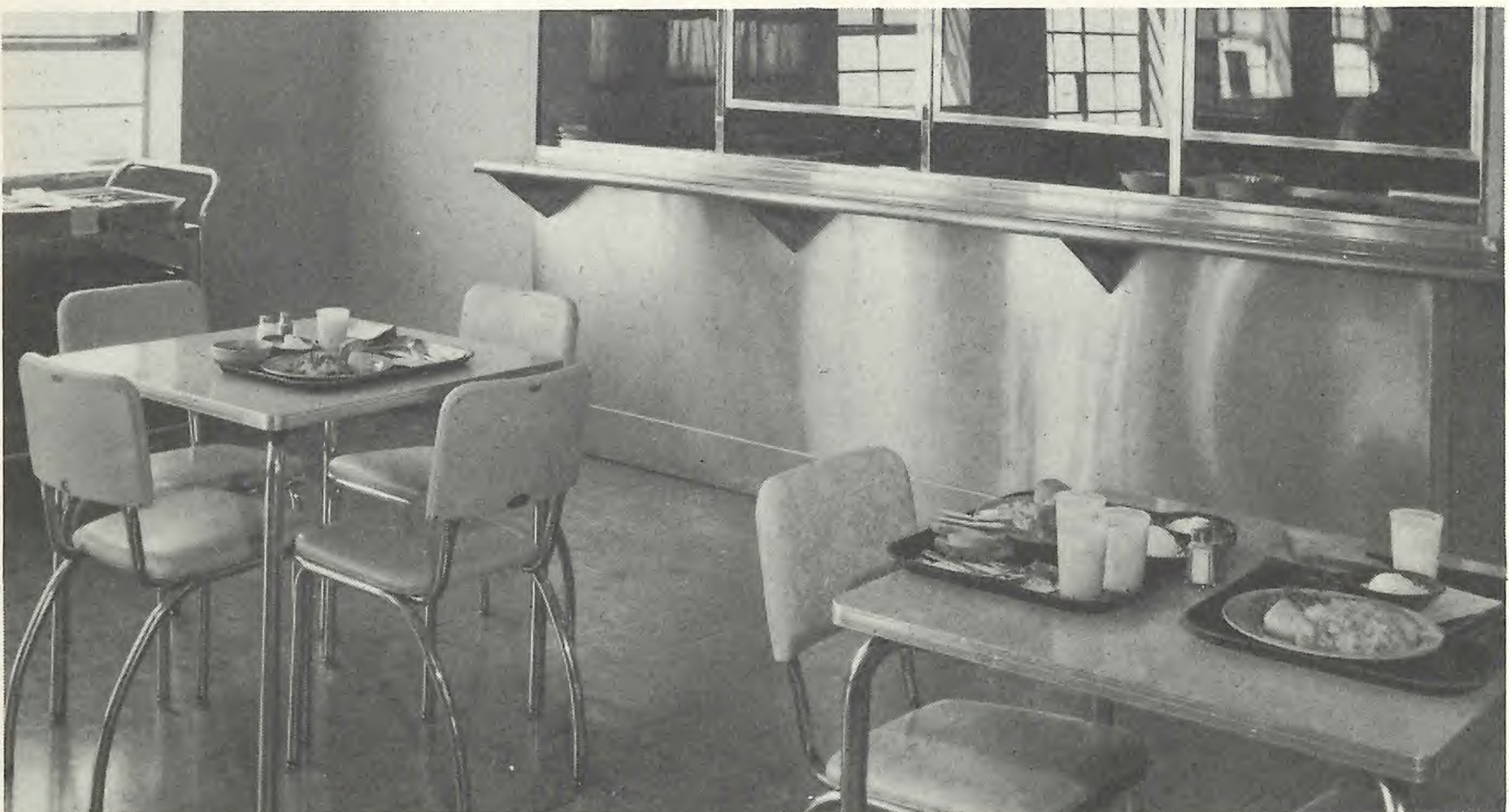
The same facilities improved by the hospital's maintenance department.



Yesterday's ward dining table.



Today's dining table encourages pleasant patient communication.



The patient is offered a variety of foods served in pleasant surroundings.



Sleeping dormitory for male patients. Some hospital facilities are still badly crowded and patients are forced to sleep in makeshift, unsafe, wooden double bunks.

Still Needed

The hospital still has many building needs, funds for which have been requested of the Legislature and projected over several years.

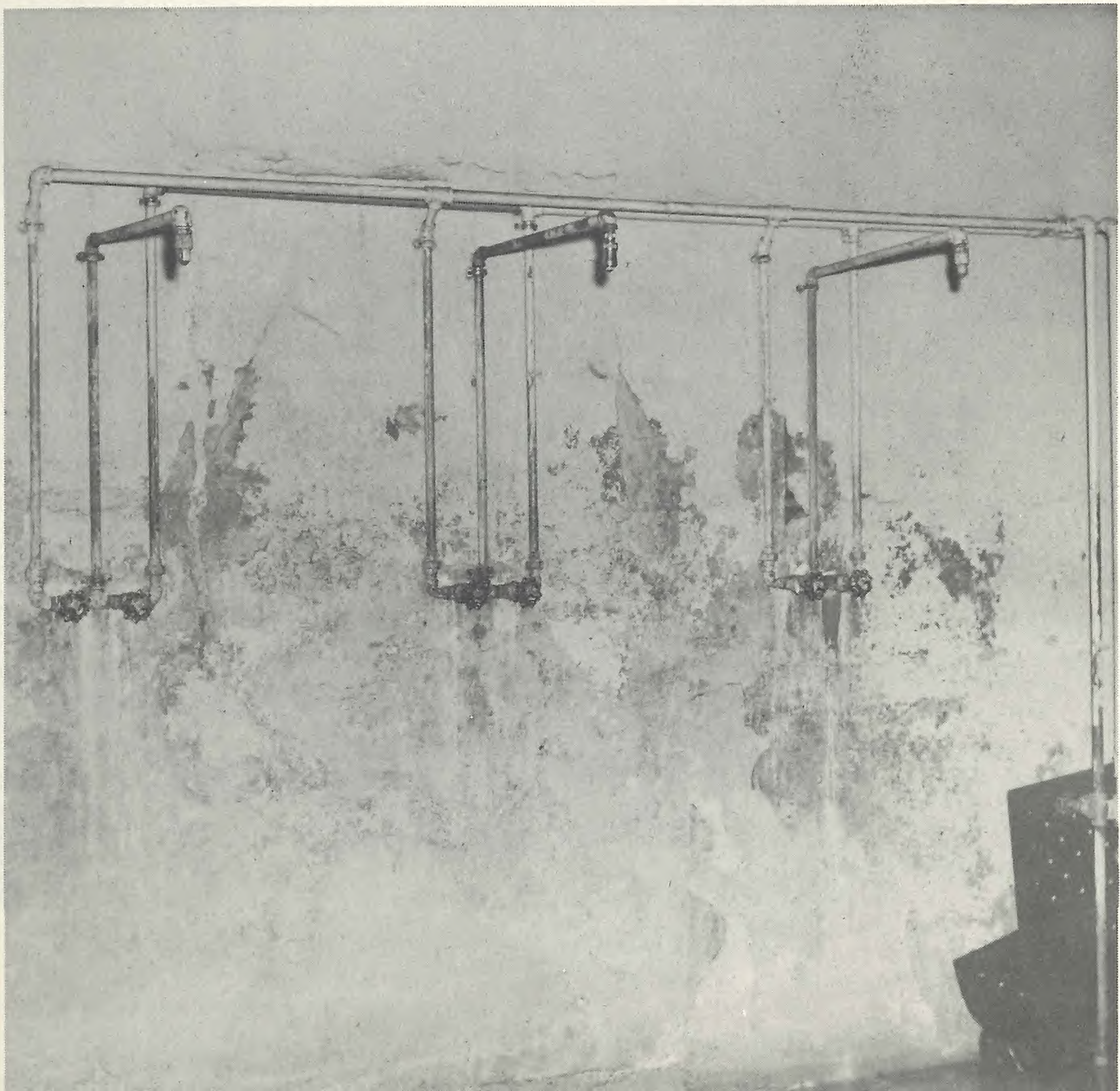
Toilet facility in one of the male wards in the F-Building. Repair work begun during the fiscal year on this ward was abandoned when it was determined the ward was no longer adequate for patient occupancy.





The crowded and combined sleeping and dayroom facilities for disturbed female patients. This entirely unsatisfactory ward building is currently being extensively revised to provide a proper separation of patient functions and to provide a better lighted and cheerful atmosphere.

This is a shower facility in one male ward of the hospital's F-Building. Due to a need for complete revision, this ward was abandoned during the fiscal year.





A State Hospital Patient returning to full citizenship.



TUBERCU
HOSPIT